FC19 - <offline>

"Analog Inputs to TCS"

Name: **Family:**
Author: Cristian **Version:** 0.1
Block version: 2
Time stamp Code: 05/26/2006 12:54:50 PM
Interface: 02/01/1999 11:05:18 AM
Lengths (block/logic/data): 16940 16264 00012

Name	Data Type	Address	Comment
IN		0.0	
OUT		0.0	
IN_OUT		0.0	
TEMP		0.0	
RETURN		0.0	
RET_VAL		0.0	

Block: FC19

Network: 1

```
      L     27648
      T     MW    84
      L     27980
      T     MW   202
```

Network: 2

```
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A11"        PIW512
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    206.1
      JNB   M003
      T     DB21.DBW    0
M003: NOP   0
      A     M    206.1
      JNB   M004
      L     DB41.DBW    0
      T     DB21.DBW    0
M004: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A12"        PIW514
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    206.2
      JNB   M001
      T     DB21.DBW    2
M001: NOP   0
      A     M    206.2
      JNB   M002
      L     DB41.DBW    2
      T     DB21.DBW    2
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M002: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A13"        PIW516
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    206.3
      JNB   M005
      T     DB21.DBW    4
M005: NOP   0
      A     M    206.3
      JNB   M006
      L     DB41.DBW    4
      T     DB21.DBW    4
M006: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A14"        PIW518
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    206.4
      JNB   M007
      T     DB21.DBW    6
M007: NOP   0
      A     M    206.4
      JNB   M008
      L     DB41.DBW    6
      T     DB21.DBW    6
M008: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A15"        PIW520
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    206.5
      JNB   M009
      T     DB21.DBW    8
M009: NOP   0
      A     M    206.5
      JNB   M010
      L     DB41.DBW    8
      T     DB21.DBW    8
M010: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A16"        PIW522
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    206.6
      JNB   M011
      T     DB21.DBW   10
M011: NOP   0
      A     M    206.6
      JNB   M012
      L     DB41.DBW   10
      T     DB21.DBW   10
M012: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp.Pressure A1"      PIW524
```

```
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    206.7
      JNB   M013
      T     DB21.DBW   12
M013: NOP   0
      A     M    206.7
      JNB   M014
      L     DB41.DBW   12
      T     DB21.DBW   12
M014: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A1 IN"     PIW526
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    207.0
      JNB   M015
      T     DB21.DBW   14
M015: NOP   0
      A     M    207.0
      JNB   M016
      L     DB41.DBW   14
      T     DB21.DBW   14
M016: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A1 OUT"    PIW528
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    207.1
      JNB   M017
      T     DB21.DBW   16
M017: NOP   0
      A     M    207.1
      JNB   M018
      L     DB41.DBW   16
      T     DB21.DBW   16
M018: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A21"        PIW530
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    207.2
      JNB   M019
      T     DB21.DBW   18
M019: NOP   0
      A     M    207.2
      JNB   M020
      L     DB41.DBW   18
      T     DB21.DBW   18
M020: NOP   0
      CALL  "Convers. analog input"  FC127
```

```
       IN0 :="Pressure # A22"        PIW532
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    207.3
      JNB   M021
      T     DB21.DBW   20
M021: NOP   0
      A     M    207.3
      JNB   M022
      L     DB41.DBW   20
      T     DB21.DBW   20
M022: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A23"        PIW534
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    207.4
      JNB   M023
      T     DB21.DBW   22
M023: NOP   0
      A     M    207.4
      JNB   M024
      L     DB41.DBW   22
      T     DB21.DBW   22
M024: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A24"        PIW536
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    207.5
      JNB   M025
      T     DB21.DBW   24
M025: NOP   0
      A     M    207.5
      JNB   M026
      L     DB41.DBW   24
      T     DB21.DBW   24
M026: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A25"        PIW538
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    207.6
      JNB   M027
      T     DB21.DBW   26
M027: NOP   0
      A     M    207.6
      JNB   M028
      L     DB41.DBW   26
      T     DB21.DBW   26
M028: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A26"        PIW540
       IN1 :=-80
       IN2 :=MW202
```

```
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    207.7
      JNB   M029
      T     DB21.DBW   28
M029: NOP   0
      A     M    207.7
      JNB   M030
      L     DB41.DBW   28
      T     DB21.DBW   28
M030: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp. Pressure A2"     PIW542
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    208.0
      JNB   M031
      T     DB21.DBW   30
M031: NOP   0
      A     M    208.0
      JNB   M032
      L     DB41.DBW   30
      T     DB21.DBW   30
M032: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A2 IN"     PIW544
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    208.1
      JNB   M033
      T     DB21.DBW   32
M033: NOP   0
      A     M    208.1
      JNB   M034
      L     DB41.DBW   32
      T     DB21.DBW   32
M034: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A2 OUT"    PIW546
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    208.2
      JNB   M035
      T     DB21.DBW   34
M035: NOP   0
      A     M    208.2
      JNB   M036
      L     DB41.DBW   34
      T     DB21.DBW   34
M036: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A31"        PIW548
       IN1 :=-80
```

```
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    208.3
      JNB   M037
      T     DB21.DBW   36
M037: NOP   0
      A     M    208.3
      JNB   M038
      L     DB41.DBW   36
      T     DB21.DBW   36
M038: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A32"        PIW550
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    208.4
      JNB   M039
      T     DB21.DBW   38
M039: NOP   0
      A     M    208.4
      JNB   M040
      L     DB41.DBW   38
      T     DB21.DBW   38
M040: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A33"        PIW552
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    208.5
      JNB   M041
      T     DB21.DBW   40
M041: NOP   0
      A     M    208.5
      JNB   M042
      L     DB41.DBW   40
      T     DB21.DBW   40
M042: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A34"        PIW554
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    208.6
      JNB   M043
      T     DB21.DBW   42
M043: NOP   0
      A     M    208.6
      JNB   M044
      L     DB41.DBW   42
      T     DB21.DBW   42
M044: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A35"        PIW556
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
```

```
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    208.7
      JNB   M045
      T     DB21.DBW   44
M045: NOP   0
      A     M    208.7
      JNB   M046
      L     DB41.DBW   44
      T     DB21.DBW   44
M046: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A36"        PIW558
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    209.0
      JNB   M047
      T     DB21.DBW   46
M047: NOP   0
      A     M    209.0
      JNB   M048
      L     DB41.DBW   46
      T     DB21.DBW   46
M048: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp.Pressure A3"      PIW560
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    209.1
      JNB   M049
      T     DB21.DBW   48
M049: NOP   0
      A     M    209.1
      JNB   M050
      L     DB41.DBW   48
      T     DB21.DBW   48
M050: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A3 IN"     PIW562
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    209.2
      JNB   M051
      T     DB21.DBW   50
M051: NOP   0
      A     M    209.2
      JNB   M052
      L     DB41.DBW   50
      T     DB21.DBW   50
M052: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A3 OUT"    PIW564
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
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```
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    209.3
      JNB   M053
      T     DB21.DBW   52
M053: NOP   0
      A     M    209.3
      JNB   M054
      L     DB41.DBW   52
      T     DB21.DBW   52
M054: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A41"        PIW566
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    209.4
      JNB   M055
      T     DB21.DBW   54
M055: NOP   0
      A     M    209.4
      JNB   M056
      L     DB41.DBW   54
      T     DB21.DBW   54
M056: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A42"        PIW568
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    209.5
      JNB   M057
      T     DB21.DBW   56
M057: NOP   0
      A     M    209.5
      JNB   M058
      L     DB41.DBW   56
      T     DB21.DBW   56
M058: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A43"        PIW570
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    209.6
      JNB   M059
      T     DB21.DBW   58
M059: NOP   0
      A     M    209.6
      JNB   M060
      L     DB41.DBW   58
      T     DB21.DBW   58
M060: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A44"        PIW572
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
```

```
      L     1.000000e+001
      *R
      RND
      AN    M    209.7
      JNB   M061
      T     DB21.DBW   60
M061: NOP   0
      A     M    209.7
      JNB   M062
      L     DB41.DBW   60
      T     DB21.DBW   60
M062: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A45"        PIW574
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    210.0
      JNB   M063
      T     DB21.DBW   62
M063: NOP   0
      A     M    210.0
      JNB   M064
      L     DB41.DBW   62
      T     DB21.DBW   62
M064: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # A46"        PIW576
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    210.1
      JNB   M065
      T     DB21.DBW   64
M065: NOP   0
      A     M    210.1
      JNB   M066
      L     DB41.DBW   64
      T     DB21.DBW   64
M066: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp.Pressure A4"      PIW578
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    210.2
      JNB   M067
      T     DB21.DBW   66
M067: NOP   0
      A     M    210.2
      JNB   M068
      L     DB41.DBW   66
      T     DB21.DBW   66
M068: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A4 IN"     PIW580
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
```

```
      L     1000
      +I
      AN    M    210.3
      JNB   M069
      T     DB21.DBW   68
M069: NOP   0
      A     M    210.3
      JNB   M070
      L     DB41.DBW   68
      T     DB21.DBW   68
M070: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature A4 OUT"    PIW582
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    210.4
      JNB   M071
      T     DB21.DBW   70
M071: NOP   0
      A     M    210.4
      JNB   M072
      L     DB41.DBW   70
      T     DB21.DBW   70
M072: NOP   0
```

Network: 3

```
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E11"        PIW584
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    210.5
      JNB   M073
      T     DB22.DBW    0
M073: NOP   0
      A     M    210.5
      JNB   M074
      L     DB42.DBW    0
      T     DB22.DBW    0
M074: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E12"        PIW586
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    210.6
      JNB   M075
      T     DB22.DBW    2
M075: NOP   0
      A     M    210.6
      JNB   M076
      L     DB42.DBW    2
      T     DB22.DBW    2
M076: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E13"        PIW588
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
```

```
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    210.7
      JNB   M077
      T     DB22.DBW    4
M077: NOP   0
      A     M    210.7
      JNB   M078
      L     DB42.DBW    4
      T     DB22.DBW    4
M078: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E14"        PIW590
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    211.0
      JNB   M079
      T     DB22.DBW    6
M079: NOP   0
      A     M    211.0
      JNB   M080
      L     DB42.DBW    6
      T     DB22.DBW    6
M080: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E15"        PIW592
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    211.1
      JNB   M081
      T     DB22.DBW    8
M081: NOP   0
      A     M    211.1
      JNB   M082
      L     DB42.DBW    8
      T     DB22.DBW    8
M082: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E16"        PIW594
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    211.2
      JNB   M083
      T     DB22.DBW   10
M083: NOP   0
      A     M    211.2
      JNB   M084
      L     DB42.DBW   10
      T     DB22.DBW   10
M084: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp.Pressure E1"      PIW596
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
```

```
      L     1.000000e+001
      *R
      RND
      AN    M    211.3
      JNB   M085
      T     DB22.DBW   12
M085: NOP   0
      A     M    211.3
      JNB   M086
      L     DB42.DBW   12
      T     DB22.DBW   12
M086: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E1 IN"     PIW598
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    211.4
      JNB   M087
      T     DB22.DBW   14
M087: NOP   0
      A     M    211.4
      JNB   M088
      L     DB42.DBW   14
      T     DB22.DBW   14
M088: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E1 OUT"    PIW600
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    211.5
      JNB   M089
      T     DB22.DBW   16
M089: NOP   0
      A     M    211.5
      JNB   M090
      L     DB42.DBW   16
      T     DB22.DBW   16
M090: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E21"        PIW602
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    211.6
      JNB   M091
      T     DB22.DBW   18
M091: NOP   0
      A     M    211.6
      JNB   M092
      L     DB42.DBW   18
      T     DB22.DBW   18
M092: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E22"        PIW604
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
```

```
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    211.7
      JNB   M093
      T     DB22.DBW   20
M093: NOP   0
      A     M    211.7
      JNB   M094
      L     DB42.DBW   20
      T     DB22.DBW   20
M094: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E23"        PIW606
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    212.0
      JNB   M095
      T     DB22.DBW   22
M095: NOP   0
      A     M    212.0
      JNB   M096
      L     DB42.DBW   22
      T     DB22.DBW   22
M096: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E24"        PIW608
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    212.1
      JNB   M097
      T     DB22.DBW   24
M097: NOP   0
      A     M    212.1
      JNB   M098
      L     DB42.DBW   24
      T     DB22.DBW   24
M098: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E25"        PIW610
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    212.2
      JNB   M099
      T     DB22.DBW   26
M099: NOP   0
      A     M    212.2
      JNB   M100
      L     DB42.DBW   26
      T     DB22.DBW   26
M100: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E26"        PIW612
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
```

```
      RND
      AN    M    212.3
      JNB   M101
      T     DB22.DBW   28
M101: NOP   0
      A     M    212.3
      JNB   M102
      L     DB42.DBW   28
      T     DB22.DBW   28
M102: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp.Pressure E2"      PIW614
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    212.4
      JNB   M103
      T     DB22.DBW   30
M103: NOP   0
      A     M    212.4
      JNB   M104
      L     DB42.DBW   30
      T     DB22.DBW   30
M104: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E2 IN"     PIW616
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    212.5
      JNB   M105
      T     DB22.DBW   32
M105: NOP   0
      A     M    212.5
      JNB   M106
      L     DB42.DBW   32
      T     DB22.DBW   32
M106: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E2 OUT"    PIW618
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    212.6
      JNB   M107
      T     DB22.DBW   34
M107: NOP   0
      A     M    212.6
      JNB   M108
      L     DB42.DBW   34
      T     DB22.DBW   34
M108: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E31"        PIW620
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
```

```
      *R
      RND
      AN    M    212.7
      JNB   M109
      T     DB22.DBW   36
M109: NOP   0
      A     M    212.7
      JNB   M110
      L     DB42.DBW   36
      T     DB22.DBW   36
M110: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E32"        PIW622
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    213.0
      JNB   M111
      T     DB22.DBW   38
M111: NOP   0
      A     M    213.0
      JNB   M112
      L     DB42.DBW   38
      T     DB22.DBW   38
M112: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E33"        PIW624
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    213.1
      JNB   M113
      T     DB22.DBW   40
M113: NOP   0
      A     M    213.1
      JNB   M114
      L     DB42.DBW   40
      T     DB22.DBW   40
M114: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E34"        PIW626
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    213.2
      JNB   M115
      T     DB22.DBW   42
M115: NOP   0
      A     M    213.2
      JNB   M116
      L     DB42.DBW   42
      T     DB22.DBW   42
M116: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E35"        PIW628
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    213.3
```

```
      JNB   M117
      T     DB22.DBW   44
M117: NOP   0
      A     M    213.3
      JNB   M118
      L     DB42.DBW   44
      T     DB22.DBW   44
M118: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E36"        PIW630
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    213.4
      JNB   M119
      T     DB22.DBW   46
M119: NOP   0
      A     M    213.4
      JNB   M120
      L     DB42.DBW   46
      T     DB22.DBW   46
M120: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp.Pressure E3"      PIW632
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    213.5
      JNB   M121
      T     DB22.DBW   48
M121: NOP   0
      A     M    213.5
      JNB   M122
      L     DB42.DBW   48
      T     DB22.DBW   48
M122: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E3 IN"     PIW634
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    213.6
      JNB   M123
      T     DB22.DBW   50
M123: NOP   0
      A     M    213.6
      JNB   M124
      L     DB42.DBW   50
      T     DB22.DBW   50
M124: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E3 OUT"    PIW636
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
```

```
      AN    M    213.7
      JNB   M125
      T     DB22.DBW   52
M125: NOP   0
      A     M    213.7
      JNB   M126
      L     DB42.DBW   52
      T     DB22.DBW   52
M126: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E41"        PIW638
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    214.0
      JNB   M127
      T     DB22.DBW   54
M127: NOP   0
      A     M    214.0
      JNB   M128
      L     DB42.DBW   54
      T     DB22.DBW   54
M128: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E42"        PIW640
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    214.1
      JNB   M129
      T     DB22.DBW   56
M129: NOP   0
      A     M    214.1
      JNB   M130
      L     DB42.DBW   56
      T     DB22.DBW   56
M130: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E43"        PIW642
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    214.2
      JNB   M131
      T     DB22.DBW   58
M131: NOP   0
      A     M    214.2
      JNB   M132
      L     DB42.DBW   58
      T     DB22.DBW   58
M132: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E44"        PIW644
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    214.3
      JNB   M133
      T     DB22.DBW   60
```

```
M133: NOP   0
      A     M    214.3
      JNB   M134
      L     DB42.DBW   60
      T     DB22.DBW   60
M134: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E45"        PIW646
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    214.4
      JNB   M135
      T     DB22.DBW   62
M135: NOP   0
      A     M    214.4
      JNB   M136
      L     DB42.DBW   62
      T     DB22.DBW   62
M136: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # E46"        PIW648
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    214.5
      JNB   M137
      T     DB22.DBW   64
M137: NOP   0
      A     M    214.5
      JNB   M138
      L     DB42.DBW   64
      T     DB22.DBW   64
M138: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp.Pressure E4"      PIW650
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    214.6
      JNB   M139
      T     DB22.DBW   66
M139: NOP   0
      A     M    214.6
      JNB   M140
      L     DB42.DBW   66
      T     DB22.DBW   66
M140: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E4 IN"     PIW652
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    214.7
      JNB   M141
      T     DB22.DBW   68
M141: NOP   0
```

```
      A     M    214.7
      JNB   M142
      L     DB42.DBW   68
      T     DB22.DBW   68
M142: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature E4 OUT"    PIW654
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    215.0
      JNB   M143
      T     DB22.DBW   70
M143: NOP   0
      A     M    215.0
      JNB   M144
      L     DB42.DBW   70
      T     DB22.DBW   70
M144: NOP   0
```

Network: 4

```
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L11L"       PIW656
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    215.1
      JNB   M145
      T     DB23.DBW    0
M145: NOP   0
      A     M    215.1
      JNB   M146
      L     DB43.DBW    0
      T     DB23.DBW    0
M146: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L12L"       PIW658
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    215.2
      JNB   M147
      T     DB23.DBW    2
M147: NOP   0
      A     M    215.2
      JNB   M148
      L     DB43.DBW    2
      T     DB23.DBW    2
M148: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L13L"       PIW660
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
```

```
      AN    M    215.3
      JNB   M149
      T     DB23.DBW    4
M149: NOP   0
      A     M    215.3
      JNB   M150
      L     DB43.DBW    4
      T     DB23.DBW    4
M150: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L14L"       PIW662
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    215.4
      JNB   M151
      T     DB23.DBW    6
M151: NOP   0
      A     M    215.4
      JNB   M152
      L     DB43.DBW    6
      T     DB23.DBW    6
M152: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L1L"     PIW664
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    215.5
      JNB   M153
      T     DB23.DBW    8
M153: NOP   0
      A     M    215.5
      JNB   M154
      L     DB43.DBW    8
      T     DB23.DBW    8
M154: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L1L IN"    PIW666
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    215.6
      JNB   M155
      T     DB23.DBW   10
M155: NOP   0
      A     M    215.6
      JNB   M156
      L     DB43.DBW   10
      T     DB23.DBW   10
M156: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L1L OUT"   PIW668
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
```

```
      +I
      AN    M    215.7
      JNB   M157
      T     DB23.DBW   12
M157: NOP   0
      A     M    215.7
      JNB   M158
      L     DB43.DBW   12
      T     DB23.DBW   12
M158: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L11R"       PIW670
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    216.0
      JNB   M159
      T     DB23.DBW   14
M159: NOP   0
      A     M    216.0
      JNB   M160
      L     DB43.DBW   14
      T     DB23.DBW   14
M160: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L12R"       PIW672
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    216.1
      JNB   M161
      T     DB23.DBW   16
M161: NOP   0
      A     M    216.1
      JNB   M162
      L     DB43.DBW   16
      T     DB23.DBW   16
M162: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L13R"       PIW674
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    216.2
      JNB   M163
      T     DB23.DBW   18
M163: NOP   0
      A     M    216.2
      JNB   M164
      L     DB43.DBW   18
      T     DB23.DBW   18
M164: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L14R"       PIW676
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    216.3
      JNB   M165
```

```
      T     DB23.DBW   20
M165: NOP   0
      A     M    216.3
      JNB   M166
      L     DB43.DBW   20
      T     DB23.DBW   20
M166: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L1R"     PIW678
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    216.4
      JNB   M167
      T     DB23.DBW   22
M167: NOP   0
      A     M    216.4
      JNB   M168
      L     DB43.DBW   22
      T     DB23.DBW   22
M168: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L1R IN"    PIW680
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    216.5
      JNB   M169
      T     DB23.DBW   24
M169: NOP   0
      A     M    216.5
      JNB   M170
      L     DB43.DBW   24
      T     DB23.DBW   24
M170: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L1R OUT"   PIW682
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    216.6
      JNB   M171
      T     DB23.DBW   26
M171: NOP   0
      A     M    216.6
      JNB   M172
      L     DB43.DBW   26
      T     DB23.DBW   26
M172: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L21L"       PIW684
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    216.7
```

```
      JNB   M173
      T     DB23.DBW   28
M173: NOP   0
      A     M    216.7
      JNB   M174
      L     DB43.DBW   28
      T     DB23.DBW   28
M174: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L22L"       PIW686
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    217.0
      JNB   M175
      T     DB23.DBW   30
M175: NOP   0
      A     M    217.0
      JNB   M176
      L     DB43.DBW   30
      T     DB23.DBW   30
M176: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L23L"       PIW688
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    217.1
      JNB   M177
      T     DB23.DBW   32
M177: NOP   0
      A     M    217.1
      JNB   M178
      L     DB43.DBW   32
      T     DB23.DBW   32
M178: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L24L"       PIW690
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    217.2
      JNB   M179
      T     DB23.DBW   34
M179: NOP   0
      A     M    217.2
      JNB   M180
      L     DB43.DBW   34
      T     DB23.DBW   34
M180: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L2L"     PIW692
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    217.3
      JNB   M181
      T     DB23.DBW   36
M181: NOP   0
```

```
      A     M    217.3
      JNB   M182
      L     DB43.DBW   36
      T     DB23.DBW   36
M182: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L2L IN"    PIW694
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    217.4
      JNB   M183
      T     DB23.DBW   38
M183: NOP   0
      A     M    217.4
      JNB   M184
      L     DB43.DBW   38
      T     DB23.DBW   38
M184: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L2L OUT"   PIW696
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    217.5
      JNB   M185
      T     DB23.DBW   40
M185: NOP   0
      A     M    217.5
      JNB   M186
      L     DB43.DBW   40
      T     DB23.DBW   40
M186: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L21R"       PIW698
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    217.6
      JNB   M187
      T     DB23.DBW   42
M187: NOP   0
      A     M    217.6
      JNB   M188
      L     DB43.DBW   42
      T     DB23.DBW   42
M188: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L22R"       PIW700
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    217.7
      JNB   M189
      T     DB23.DBW   44
```

```
M189: NOP   0
      A     M    217.7
      JNB   M190
      L     DB43.DBW   44
      T     DB23.DBW   44
M190: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L23R"       PIW702
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    218.0
      JNB   M191
      T     DB23.DBW   46
M191: NOP   0
      A     M    218.0
      JNB   M192
      L     DB43.DBW   46
      T     DB23.DBW   46
M192: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L24R"       PIW704
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    218.1
      JNB   M193
      T     DB23.DBW   48
M193: NOP   0
      A     M    218.1
      JNB   M194
      L     DB43.DBW   48
      T     DB23.DBW   48
M194: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L2R"     PIW706
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    218.2
      JNB   M195
      T     DB23.DBW   50
M195: NOP   0
      A     M    218.2
      JNB   M196
      L     DB43.DBW   50
      T     DB23.DBW   50
M196: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L2R IN"    PIW708
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    218.3
      JNB   M197
      T     DB23.DBW   52
M197: NOP   0
```

```
      A     M    218.3
      JNB   M198
      L     DB43.DBW   52
      T     DB23.DBW   52
M198: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L2R OUT"   PIW710
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    218.4
      JNB   M199
      T     DB23.DBW   54
M199: NOP   0
      A     M    218.4
      JNB   M200
      L     DB43.DBW   54
      T     DB23.DBW   54
M200: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L31L"       PIW712
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    218.5
      JNB   M201
      T     DB23.DBW   56
M201: NOP   0
      A     M    218.5
      JNB   M202
      L     DB43.DBW   56
      T     DB23.DBW   56
M202: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L32L"       PIW714
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    218.6
      JNB   M203
      T     DB23.DBW   58
M203: NOP   0
      A     M    218.6
      JNB   M204
      L     DB43.DBW   58
      T     DB23.DBW   58
M204: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L33L"       PIW716
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    218.7
      JNB   M205
      T     DB23.DBW   60
M205: NOP   0
      A     M    218.7
```

```
      JNB   M206
      L     DB43.DBW   60
      T     DB23.DBW   60
M206: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L34L"       PIW718
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    219.0
      JNB   M207
      T     DB23.DBW   62
M207: NOP   0
      A     M    219.0
      JNB   M208
      L     DB43.DBW   62
      T     DB23.DBW   62
M208: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L3L"     PIW720
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    219.1
      JNB   M209
      T     DB23.DBW   64
M209: NOP   0
      A     M    219.1
      JNB   M210
      L     DB43.DBW   64
      T     DB23.DBW   64
M210: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L3L IN"    PIW722
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    219.2
      JNB   M211
      T     DB23.DBW   66
M211: NOP   0
      A     M    219.2
      JNB   M212
      L     DB43.DBW   66
      T     DB23.DBW   66
M212: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L3L OUT"   PIW724
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    219.3
      JNB   M213
      T     DB23.DBW   68
M213: NOP   0
```

```
      A     M    219.3
      JNB   M214
      L     DB43.DBW   68
      T     DB23.DBW   68
M214: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L31R"       PIW726
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    219.4
      JNB   M215
      T     DB23.DBW   70
M215: NOP   0
      A     M    219.4
      JNB   M216
      L     DB43.DBW   70
      T     DB23.DBW   70
M216: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L32R"       PIW728
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    219.5
      JNB   M217
      T     DB23.DBW   72
M217: NOP   0
      A     M    219.5
      JNB   M218
      L     DB43.DBW   72
      T     DB23.DBW   72
M218: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L33R"       PIW730
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    219.6
      JNB   M219
      T     DB23.DBW   74
M219: NOP   0
      A     M    219.6
      JNB   M220
      L     DB43.DBW   74
      T     DB23.DBW   74
M220: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L34R"       PIW732
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    219.7
      JNB   M221
      T     DB23.DBW   76
M221: NOP   0
      A     M    219.7
      JNB   M222
      L     DB43.DBW   76
```

```
      T     DB23.DBW   76
M222: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L3R"     PIW734
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    220.0
      JNB   M223
      T     DB23.DBW   78
M223: NOP   0
      A     M    220.0
      JNB   M224
      L     DB43.DBW   78
      T     DB23.DBW   78
M224: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L3R IN"    PIW736
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    220.1
      JNB   M225
      T     DB23.DBW   80
M225: NOP   0
      A     M    220.1
      JNB   M226
      L     DB43.DBW   80
      T     DB23.DBW   80
M226: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L3R OUT"   PIW738
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    220.2
      JNB   M227
      T     DB23.DBW   82
M227: NOP   0
      A     M    220.2
      JNB   M228
      L     DB43.DBW   82
      T     DB23.DBW   82
M228: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L41L"       PIW740
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    220.3
      JNB   M229
      T     DB23.DBW   84
M229: NOP   0
      A     M    220.3
      JNB   M230
```

```
      L     DB43.DBW   84
      T     DB23.DBW   84
M230: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L42L"       PIW742
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    220.4
      JNB   M231
      T     DB23.DBW   86
M231: NOP   0
      A     M    220.4
      JNB   M232
      L     DB43.DBW   86
      T     DB23.DBW   86
M232: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L43L"       PIW744
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    220.5
      JNB   M233
      T     DB23.DBW   88
M233: NOP   0
      A     M    220.5
      JNB   M234
      L     DB43.DBW   88
      T     DB23.DBW   88
M234: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L44L"       PIW746
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    220.6
      JNB   M235
      T     DB23.DBW   90
M235: NOP   0
      A     M    220.6
      JNB   M236
      L     DB43.DBW   90
      T     DB23.DBW   90
M236: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L4L"     PIW748
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    220.7
      JNB   M237
      T     DB23.DBW   92
M237: NOP   0
      A     M    220.7
      JNB   M238
      L     DB43.DBW   92
      T     DB23.DBW   92
M238: NOP   0
```

```
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L4L IN"    PIW750
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    221.0
      JNB   M239
      T     DB23.DBW   94
M239: NOP   0
      A     M    221.0
      JNB   M240
      L     DB43.DBW   94
      T     DB23.DBW   94
M240: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L4L OUT"   PIW752
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    221.1
      JNB   M241
      T     DB23.DBW   96
M241: NOP   0
      A     M    221.1
      JNB   M242
      L     DB43.DBW   96
      T     DB23.DBW   96
M242: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L41R"       PIW754
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    221.2
      JNB   M243
      T     DB23.DBW   98
M243: NOP   0
      A     M    221.2
      JNB   M244
      L     DB43.DBW   98
      T     DB23.DBW   98
M244: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L42R"       PIW756
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    221.3
      JNB   M245
      T     DB23.DBW  100
M245: NOP   0
      A     M    221.3
      JNB   M246
      L     DB43.DBW  100
      T     DB23.DBW  100
```

```
M246: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L43R"       PIW758
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    221.4
      JNB   M247
      T     DB23.DBW  102
M247: NOP   0
      A     M    221.4
      JNB   M248
      L     DB43.DBW  102
      T     DB23.DBW  102
M248: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Pressure # L44R"       PIW760
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    221.5
      JNB   M249
      T     DB23.DBW  104
M249: NOP   0
      A     M    221.5
      JNB   M250
      L     DB43.DBW  104
      T     DB23.DBW  104
M250: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Comp Pressure L4R"     PIW762
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    221.6
      JNB   M251
      T     DB23.DBW  106
M251: NOP   0
      A     M    221.6
      JNB   M252
      L     DB43.DBW  106
      T     DB23.DBW  106
M252: NOP   0
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L4R IN"    PIW764
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    221.7
      JNB   M253
      T     DB23.DBW  108
M253: NOP   0
      A     M    221.7
      JNB   M254
      L     DB43.DBW  108
      T     DB23.DBW  108
M254: NOP   0
```

```
      CALL  "Convers. analog input"  FC127
       IN0 :="Temperature L4R OUT"   PIW766
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    222.0
      JNB   M255
      T     DB23.DBW  110
M255: NOP   0
      A     M    222.0
      JNB   M256
      L     DB43.DBW  110
      T     DB23.DBW  110
M256: NOP   0
```

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```
      CALL  "Convers. analog input"      FC127
       IN0 :="Azimuth Line Pressure"     PIW768
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.600000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    222.1
      JNB   M257
      T     DB24.DBW    0
M257: NOP   0
      A     M    222.1
      JNB   M258
      L     DB44.DBW    0
      T     DB24.DBW    0
M258: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Azim. Compensat. Press."   PIW770
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    222.2
      JNB   M259
      T     DB24.DBW    2
M259: NOP   0
      A     M    222.2
      JNB   M260
      L     DB44.DBW    2
      T     DB24.DBW    2
M260: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Elevation Line Pressure"   PIW772
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.600000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    222.3
      JNB   M261
      T     DB24.DBW    4
M261: NOP   0
      A     M    222.3
```

```
      JNB   M262
      L     DB44.DBW    4
      T     DB24.DBW    4
M262: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Elevat. Compensat.press."  PIW774
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    222.4
      JNB   M263
      T     DB24.DBW    6
M263: NOP   0
      A     M    222.4
      JNB   M264
      L     DB44.DBW    6
      T     DB24.DBW    6
M264: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Lateral Compensat.press."  PIW776
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.000000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    222.5
      JNB   M265
      T     DB24.DBW    8
M265: NOP   0
      A     M    222.5
      JNB   M266
      L     DB44.DBW    8
      T     DB24.DBW    8
M266: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Oil level Transducer"      PIW778
       IN1 :=0
       IN2 :=MW84
       IN3 :=5.000000e+002
       IN4 :=1.500000e+003
       OUT5:=MD86
      L     MD    86
      RND
      AN    M    222.6
      JNB   M267
      T     DB24.DBW   10
M267: NOP   0
      A     M    222.6
      JNB   M268
      L     DB44.DBW   10
      T     DB24.DBW   10
M268: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Reservoir Oil Temperat."   PIW780
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    222.7
      JNB   M269
      T     DB24.DBW   12
M269: NOP   0
      A     M    222.7
      JNB   M270
      L     DB44.DBW   12
      T     DB24.DBW   12
```

```
M270: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Hydrostatic pressure"      PIW782
       IN1 :=-80
       IN2 :=MW202
       IN3 :=0.000000e+000
       IN4 :=1.600000e+002
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      AN    M    223.0
      JNB   M271
      T     DB24.DBW   14
M271: NOP   0
      A     M    223.0
      JNB   M272
      L     DB44.DBW   14
      T     DB24.DBW   14
M272: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Input Cooling Temperat."   PIW784
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    223.1
      JNB   M273
      T     DB24.DBW   16
M273: NOP   0
      A     M    223.1
      JNB   M274
      L     DB44.DBW   16
      T     DB24.DBW   16
M274: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="Output Cooling Temperat."  PIW786
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    223.2
      JNB   M275
      T     DB24.DBW   18
M275: NOP   0
      A     M    223.2
      JNB   M276
      L     DB44.DBW   18
      T     DB24.DBW   18
M276: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="A-Input Water temperat."   PIW788
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    223.3
      JNB   M277
      T     DB24.DBW   20
M277: NOP   0
      A     M    223.3
```

```
      JNB   M278
      L     DB44.DBW   20
      T     DB24.DBW   20
M278: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="A-Output Water Temperat."  PIW790
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    223.4
      JNB   M279
      T     DB24.DBW   22
M279: NOP   0
      A     M    223.4
      JNB   M280
      L     DB44.DBW   22
      T     DB24.DBW   22
M280: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="B-Input Water Temperat."   PIW792
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    223.5
      JNB   M281
      T     DB24.DBW   24
M281: NOP   0
      A     M    223.5
      JNB   M282
      L     DB44.DBW   24
      T     DB24.DBW   24
M282: NOP   0
      CALL  "Convers. analog input"      FC127
       IN0 :="B-Output Water Temperat."  PIW794
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    223.6
      JNB   M283
      T     DB24.DBW   26
M283: NOP   0
      A     M    223.6
      JNB   M284
      L     DB44.DBW   26
      T     DB24.DBW   26
M284: NOP   0
```

Network: 6

```
      CALL  "Convers. analog input"  FC127
       IN0 :="Free PEW 796"          PIW796
       IN1 :=0
       IN2 :=MW84
       IN3 :=-3.000000e+001
       IN4 :=6.120000e+001
       OUT5:=MD86
      L     MD    86
```

```
      L     1.000000e+001
      *R
      RND
      L     1000
      +I
      AN    M    223.7
      JNB   M285
      T     DB24.DBW   36
M285: NOP   0
      A     M    223.7
      JNB   M286
      L     DB44.DBW   36
      T     DB24.DBW   36
M286: NOP   0
```

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```
      BE
```