```
If msngScale > 100 AndAlso msngScale < 200 Then 'Special Format
   Dim mintSpecialType As Integer = CInt(msngScale)
   Select Case mintSpecialType
   Case 101 '2Bytes Uint16
      .sngMoreSensor(mintIndex) = CSng(256 * mbytData(mintIndexA) + mbytData(mintIndexA + 1))
   Case 102 '4Bytes Uint32
      .sngMoreSensor(mintIndex) = CSng(65536 * (256 * mbytData(mintIndexA) +
mbytData(mintIndexA + 1)) + 256 * mbytData(mintIndexA + 2) + mbytData(mintIndexA + 3))
   Case 103 'High Byte Uint8
       .sngMoreSensor(mintIndex) = CSng(mbytData(mintIndexA))
   Case 104 'Low Byte Uint8
        .sngMoreSensor(mintIndex) = CSng(mbytData(mintIndexA + 1))
   Case 105 '4Bytes Single ByteNo = 1,0,3,2
        .sngMoreSensor(mintIndex) = PA310Single(mbytData, mintIndexA)
   Case 106 '4Bytes Single ByteNo = 0,1,2,3
        .sngMoreSensor(mintIndex) = BitConverter.ToSingle(mbytData, mintIndexA)
   Case 107 '8Bytes Uint64
        .sngMoreSensor(mintIndex) = BitConverter.ToUInt64(mbytData, mintIndexA)
   Case 108 '8Bytes Double
       .sngMoreSensor(mintIndex) = BitConverter.ToDouble(mbytData, mintIndexA)
   Case 109 To 111 'Uint16*0.1,0.01,0.001
      .sngMoreSensor(mintIndex) = CSng(256 * mbytData(mintIndexA) + mbytData(mintIndexA + 1))
* sngPowerFactor(mintSpecialType - 108)
   Case 112 To 114 'Uint32*0.1,0.01,0.001
       .sngMoreSensor(mintIndex) = CSng(65536 * (256 * mbytData(mintIndexA) +
mbytData(mintIndexA + 1)) + 256 * mbytData(mintIndexA + 2) + mbytData(mintIndexA + 3)) *
sngPowerFactor(mintSpecialType - 111)
   Case 115 To 130 'The Nth Bit of Word
       Dim muintData As UInteger = CUInt(256 * mbytData(mintIndexA) + mbytData(mintIndexA +
1)) And (1 << (mintSpecialType - 115))
       If muintData = 0 Then
           .sngMoreSensor(mintIndex) = 0
       Else
           .sngMoreSensor(mintIndex) = 1
       End If
       mobjCoordinator.bytMBControlData(mintIndexA) = mbytData(mintIndexA)
       mobjCoordinator.bytMBControlData(mintIndexA + 1) = mbytData(mintIndexA + 1)
   Case 131 '2Bytes int16
       .sngMoreSensor(mintIndex) = BitConverter.ToInt16(mbytData, mintIndexA)
   Case 132 To 134 'int16*0.1,0.01,0.001
        .sngMoreSensor(mintIndex) = BitConverter.ToInt16(mbytData, mintIndexA) *
sngPowerFactor(mintSpecialType - 131)
   Case 135 '2Bytes int16 High Byte Low Byte Exchange
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        .sngMoreSensor(mintIndex) = PA34Int16(mbytData, mintIndexA)
    Case 136 To 138 'int16*0.1,0.01,0.001 High Byte Low Byte Exchange
        .sngMoreSensor(mintIndex) = PA34Int16(mbytData, mintIndexA) *
sngPowerFactor(mintSpecialType - 135)
    Case 139 '4Bytes int32
        .sngMoreSensor(mintIndex) = BitConverter.ToInt32(mbytData, mintIndexA)
    Case 140 To 142 'int32*0.1,0.01,0.001
        .sngMoreSensor(mintIndex) = BitConverter.ToInt32(mbytData, mintIndexA) *
sngPowerFactor(mintSpecialType - 139)
    Case 143 '4Bytes int32 High Byte Low Byte Exchange
        .sngMoreSensor(mintIndex) = PA34Int32(mbytData, mintIndexA)
    Case 144 To 146 'int32*0.1,0.01,0.001 High Byte Low Byte Exchange
        .sngMoreSensor(mintIndex) = PA34Int32(mbytData, mintIndexA) *
sngPowerFactor(mintSpecialType - 143)
    Case 147 To 150 'Uint16*1,0.1,0.01,0.001 High Byte Low Byte Exchange
        .sngMoreSensor(mintIndex) = CSng(256 * mbytData(mintIndexA + 1) + mbytData(mintIndexA)
* sngPowerFactor(mintSpecialType - 147))
    Case 151 To 153 'Uint32*1,0.1,0.01,0.001 High Byte Low Byte Exchange
        .sngMoreSensor(mintIndex) = CSng(65536 * (256 * mbytData(mintIndexA + 3) +
mbytData(mintIndexA + 2)) + 256 * mbytData(mintIndexA + 1) + mbytData(mintIndexA)) *
sngPowerFactor(mintSpecialType - 151)
    Case 154 '4Bytes Single ByteNo = 3,2,1,0
        .sngMoreSensor(mintIndex) = VentSingle(mbytData, mintIndexA)
   Case 155 'PA310 Format
        If mbytData(mintIndexA) < 128 Then
           .sngMoreSensor(mintIndex) = (((CSng(mbytData(mintIndexA)) * 256 +
mbytData(mintIndexA + 1)) * 256 + +mbytData(mintIndexA + 2)) * 256 + mbytData(mintIndexA +
3)) * 0.1
        Else
            Dim mlngTemp As Long = ((CLng(mbytData(mintIndexA)) * 256 + mbytData(mintIndexA
+ 1)) * 256 + +mbytData(mintIndexA + 2)) * 256 + mbytData(mintIndexA + 3)
            .sngMoreSensor(mintIndex) = CSng(mlngTemp - 4294967295) * 0.1
'&HFFFFFFFFL=4294967295
        End If
    Case 156 'PA33 Format High Byte Low Byte Exchange
       If mbytData(mintIndexA + 3) < 128 Then
           .sngMoreSensor(mintIndex) = (((CSng(mbytData(mintIndexA + 3)) * 256 +
mbytData(mintIndexA + 2)) * 256 + +mbytData(mintIndexA + 1)) * 256 + mbytData(mintIndexA))
* 0.1
       Else  '&HFFFFFFFFL=4294967295
           Dim mlngTemp As Long = ((CLng(mbytData(mintIndexA + 3)) * 256 + mbytData(mintIndexA
+ 2)) * 256 + +mbytData(mintIndexA + 1)) * 256 + mbytData(mintIndexA)
           .sngMoreSensor(mintIndex) = CSng(mlngTemp - 4294967295) * 0.1
```

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        End If
    Case 157 To 159 '4Bytes Uint32 (2,3,0,1) * 1,0.1,0.01
        .sngMoreSensor(mintIndex) = CSng((65536 * (256 * mbytData(mintIndexA + 2) +
mbytData(mintIndexA + 3)) + 256 * mbytData(mintIndexA) + mbytData(mintIndexA + 1))) *
sngPowerFactor(mintSpecialType - 157)
    Case 160 'ax+b
        .sngMoreSensor(mintIndex) = CSng(256 * mbytData(mintIndexA) + mbytData(mintIndexA +
1)) * mobjCoordinator.PressureNodeScaleX(mintNode, mintIndex) +
mobjCoordinator.PressureNodeScaleC(mintNode, mintIndex)
    Case 161 To 163 '4Bytes Uint32 (2,3,0,1) * 0.001,0.0001,0.00001
         .sngMoreSensor(mintIndex) = CSng((65536 * (256 * mbytData(mintIndexA + 2) +
mbytData(mintIndexA + 3)) + 256 * mbytData(mintIndexA) + mbytData(mintIndexA + 1))) *
sngPowerFactor(mintSpecialType - 158)
    Case 164 To 167 'int32(2,3,0,1)*1,0.1,0.01,0.001
          .sngMoreSensor(mintIndex) = PLCInt32(mbytData, mintIndexA) *
sngPowerFactor(mintSpecialType - 164)
     Case Else
          .sngMoreSensor(mintIndex) = 0
     End Select
```