

Totally Integrated Automation Portal

## ReadValue / PLC\_1 [CPU 1211C AC/DC/Rly] / Program blocks

### Unit [FC2]

Unit Properties

General

Name	Unit	Number	2	Type	FC	Language	SCL
Numbering	automatic						

Information

Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Unit

Name	Data type	Default value	Comment
▼ Input			
ResultCode	Int		
▼ Output			
Unit	String[254]		
InOut			
▼ Temp			
LSB	Int		
MSB	Int		
▼ Constant			
Mask	Byte	255	
▼ Return			
Ret_Val	Void		

```
0001
0002 #LSB := (#ResultCode AND #Mask);
0003 #MSB := (#ResultCode / #Mask);
0004
0005 CASE #MSB OF
0006     0:
0007         #Unit := 'ppm';
0008     1:
0009         #Unit := '%';
0010     2:
0011         #Unit := '*C';
0012     3:
0013         #Unit := '*F';
0014     4:
0015         #Unit := 'mg/m3';
0016     5:
0017         #Unit := 'g/GJ';
0018     6:
0019         #Unit := 'hPa';
0020     7:
0021         #Unit := 'Pa';
0022     8:
0023         #Unit := 'mmH2O';
0024     9:
0025         #Unit := 'inH2O';
0026     10:
0027         #Unit := 'm/s';
0028     11:
0029         #Unit := 'mV';
0030     12:
0031         #Unit := 'V';
0032     13:
0033         #Unit := 'mA';
0034     14:
0035         #Unit := 'A';
0036     15:
0037         #Unit := '_';
0038     16:
0039         #Unit := 'g/m3';
0040     17:
0041         #Unit := 'l/h';
0042     18:
0043         #Unit := '';
0044 END_CASE;
0045
0046
0047
0048
```

Symbol	Address	Type	Comment
#LSB		Int	
#Mask	255	Byte	
#MSB		Int	
#ResultCode		Int	
#Unit		String	