Product data sheet
Characteristics

PMEPXM0100
communication module, Modicon M580, Profibus DP master



Main

Range of product	Modicon M580
Product or component type	Profibus communication module

Complementary

Range compatibility	Modicon M580
Physical interface	DB9 connector
Bus type	Profibus DP
Transmission support medium	Profibus DP twisted shielded pairs cable
Transmission rate	9.6 kbit/s, 1200 m bus 19.2 kbit/s, 1200 m bus 93.75 kbit/s, 1200 m bus 187.5 kbit/s, 1000 m bus 500 kbit/s, 400 m bus 1.5 Mbit/s, 200 m bus 3 Mbit/s, 100 m bus 12 Mbit/s, 100 m bus
Number of server device(s)	125
Communication service	Implicit exchange of process data
Integrated connection type	Profibus DP - 1 SUB-D 9-pin female
[Us] rated supply voltage	24 V DC internal power supply via rack
Current consumption	43 mA 24 V typical 70 mA 24 V maximum
Power consumption in W	1040 MW at 24 V typical 1690 MW at 24 V maximum
Isolation voltage	1500 V for 1 min 50/60 Hz
Module format	Standard
Net weight	0.270 Kg

Environment

Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-40…85 °C
Relative humidity	10…95 %
Operating altitude	<= 2000 m
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.400 Cm
Package 1 Width	17.300 Cm
Package 1 Length	21.700 Cm
Package 1 Weight	320.000 G
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	4.830 Kg

Offer Sustainability

REACh free of SVHC	Yes
Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised