Product data sheet

Specifications



communication module, Modicon M580, Profibus DP master

PMEPXM0100

Product availability: Non-Stock - Not normally stocked in distribution facility

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, 3937.008 ft (1200 m) 19.2 kbit/s, 3937.008 ft (1200 m) 93.75 kbit/s, 3937.008 ft (1200 m) 187.5 kbit/s, 3280.8 ft (1000 m) 500 kbit/s, 1312.3 ft (400 m) 1.5 Mbit/s, 656.2 ft (200 m) 3 Mbit/s, 328.08 ft (100 m) 12 Mbit/s, 328.08 ft (100 m)
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 24 V typical 1690 mW 24 V maximum
Isolation voltage	1500 V 1 min 50/60 Hz
Module format	Standard
Product Weight	0.595 lb(US) (0.270 kg)

Environment

Ambient Air Temperature for Operation	32…140 °F (0…60 °C)
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Relative Humidity	10…95 %
Operating altitude	<= 6561.68 ft (2000 m)
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Ordering and shipping details

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Category	US1PC3418160
Discount Schedule	PC34
GTIN	3606489751340
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.701 in (9.400 cm)
Package 1 Width	6.811 in (17.300 cm)
Package 1 Length	8.543 in (21.700 cm)
Package weight(Lbs)	11.287 oz (320.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	10.648 lb(US) (4.830 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Free of Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative










RUN
PROFIBUS
RUN/STOP
CLS2
HSBY
MAC @ XXXXXXXXXXXX

