

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, 3937.01 ft (1200 m) 19.2 kbit/s, 3937.01 ft (1200 m) 93.75 kbit/s, 3937.01 ft (1200 m) 187.5 kbit/s, 3280.84 ft (1000 m) 500 kbit/s, 1312.34 ft (400 m) 1.5 Mbit/s, 656.17 ft (200 m) 3 Mbit/s, 328.08 ft (100 m) 12 Mbit/s, 328.08 ft (100 m)
Number of slave	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
Net Weight	0.60 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

Category	18160-MODICON M340
Discount Schedule	PC34
GTIN	3606489751340
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.70 in (9.400 cm)
Package 1 Width	6.81 in (17.300 cm)
Package 1 Length	8.54 in (21.700 cm)
Package 1 Weight	11.08 oz (314.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	10.14 lb(US) (4.600 kg)

Offer Sustainability

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
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.