



Main

Range of product	Modicon X80
Product or component type	Profibus communication module

Complementary

Communication gateway	Ethernet/fieldbus
Product compatibility	M580 PLC
Physical interface	DB9 connector
Bus type	Profibus DP/PA
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	-4...158 °F (-20...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	10...95 %
Operating altitude	<= 6561.68 ft (2000 m)
Protective treatment	Conformal coating
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive

Product certifications	CE
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201

Ordering and shipping details

Nbr. of units in pkg.	1
Package weight(Lbs)	12.13 oz (344 g)

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.70 in (9.4 cm)
Package 1 width	6.81 in (17.3 cm)
Package 1 Length	8.54 in (21.7 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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 Carcinogen & Reproductive harm. For more information go to www.p65warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.