



Main

Range of product	Modicon X80
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 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 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 Weight	328 g
Package 1 Height	9.4 cm
Package 1 width	17.3 cm
Package 1 Length	21.7 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
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