



### 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	-20...70 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	10...95 %
Operating altitude	<= 2000 m
Protective treatment	Conformal coating
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	344 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	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins