

Schneider BME Series Service Manual

BMECXM0100

1. Description

BMECXM0100 Main

3. Product Information

BMECXM0100 Main

Range of product

Modicon X80

Product or component type

CANopen communication module

Structure type

Open industrial fieldbus

Complementary

Product compatibility

M580 PLC

Physical interface

DB9 connector

Method of access

CSMA/CA CANopen

Mode of transmission

NRZ

Transmission support medium

CANopen twisted shielded pairs cable

Transmission rate

20 kbit/s, 2500 m bus for CANopen with repeater

50 kbit/s, 1000 m bus with repeater

125 kbit/s, 500 m bus with repeater

250 kbit/s, 250 m bus with repeater

500 kbit/s, 100 m bus without repeater

1 Mbit/s, 20 m bus without repeater

Number of server device(s)

63

Communication service

CiA DSP 301 V4.02

[Us] rated supply voltage

24 V DC internal

Current consumption

100 mA

Module format

Standard

Environment

Ambient air temperature for operation

0...60 °C

Ambient air temperature for storage

-45...85 °C

Relative humidity

10...95 % without condensation

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 Height

5.400 cm

Package 1 Width

11.500 cm

Package 1 Length

12.100 cm

Package 1 Weight

180.000 g

Unit Type of Package 2

S02

Number of Units in Package 2

15

Package 2 Height

15.000 cm

Package 2 Width

30.000 cm

Package 2 Length

40.000 cm

Package 2 Weight

3.255 kg