

Schneider BME Series Service Manual

BMENOP0300C

1. Description

Main

3. Product Information

Main

Range of Product

Modicon M580

Product or Component Type

Communication module

Complementary

Product Compatibility

M580 PAC

Physical interface

3 Ethernet 10/100BASE-TX

Transmission support medium

ethernet cable

Transmission rate

10 Mbit/s

100 Mbit/s

Communication service

MMS messaging client IEC 61850

MMS messaging server IEC 61850

Goose IEC 61850

Modbus TCP messaging

RSTP support

IP forwarding

Current consumption

1250 mA 3.3 V DC internal

Module format

Standard

Net Weight

0.53 lb(US) (0.24 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

0...95 % without condensation

Operating altitude

<= 6561.68 ft (2000 m)

Protective treatment

Conformal coating

Directives

2014/35/EU - low voltage directive

2014/30/EU - electromagnetic compatibility

2014/34/EU - ATEX directive

Product certifications

CE

UL

CSA

RCM

EAC

Merchant Navy

ATEX zone 2/22

IECEx zone 2/22

Standards

EN/IEC 61131-2

EN/IEC 61010-2-201

UL 61010-2-201

CSA C22.2 No 61010-2-201

IACS E10

EN/IEC 61000-6-5 interface type 1 and type 2

EN/IEC 61850-3 location G

EN/IEC 60079-0

Environmental characteristic

Gas resistant class Gx ISA S71.04

Gas resistant class 3C4 IEC 60721-3-3

Dust resistant class 3S4 IEC 60721-3-3

Sand resistant class 3S4 IEC 60721-3-3

Salt resistant level 2 IEC 68252

Mold growth resistant class 3B2 IEC 60721-3-3

Fungal spore resistant class 3B2 IEC 60721-3-3

Hazardous location class I division 2

Ordering and shipping details

Category

US1PC3418160

Discount Schedule

PC34

GTIN

3606481285997

Returnability

No

Country of origin

FR

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

2.17 in (5.500 cm)

Package 1 Width

4.37 in (11.100 cm)

Package 1 Length

4.57 in (11.600 cm)

Package weight(Lbs)

9.347 oz (265.000 g)

Unit Type of Package 2

S02

Number of Units in Package 2

5

Package 2 Height

5.91 in (15.000 cm)

Package 2 Width

11.81 in (30.000 cm)

Package 2 Length

15.75 in (40.000 cm)

Package 2 Weight

3.657 lb(US) (1.659 kg)