

Product availability : Non-Stock - Not normally stocked in distribution facility



### Main

Range of product	Modicon X80
Product or component type	Analog output module

### Complementary

Application specific I/O	HART
Product compatibility	ABE7CPA21 BMEP58... processor Head module BMECRA31210 BMEXBP... backplane BMXF TB20... terminal block
Electrical connection	20 ways terminal block Telefast
Isolation between channels	Isolated
Measurement error	0.1 % of full scale at 25 °C
Temperature drift	45 ppm/°C
Isolation voltage	1000 V DC for 60 s between channels 1400 V DC for 60 s between channels and bus 1400 V DC for 60 s between channels and ground
Checks	Broken wire detection
Load impedance ohmic	<= 600 Ohm, analogue output range: <= 20 mA
Analogue output number	4
Analogue output type	Current 4...20 mA
Analogue output resolution	15 bits + sign
Topology	Point-to-point
Function available	I/O mapping
Product weight	0.49 lb(US) (0.223 kg)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

## Environment

Ambient air temperature for operation	32...140 °F (0...60 °C)
Directives	2012/19/EU - WEEE directive 2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive
Standards	EN 61000-6-2 EN 61000-6-4 EN 61131-2 EN 61010-2-201

## Ordering and shipping details

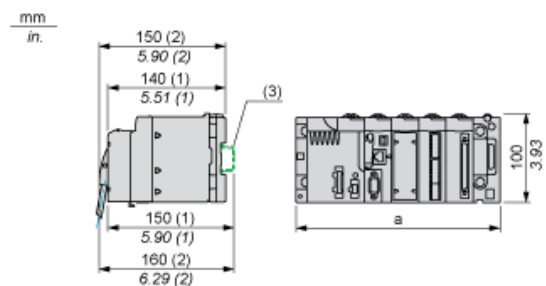
Category	18160 - MODICON M340
Discount Schedule	PC34
GTIN	00785901220244
Nbr. of units in pkg.	1
Package weight(Lbs)	0.5
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1623 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

Modules Mounted on Racks

Dimensions



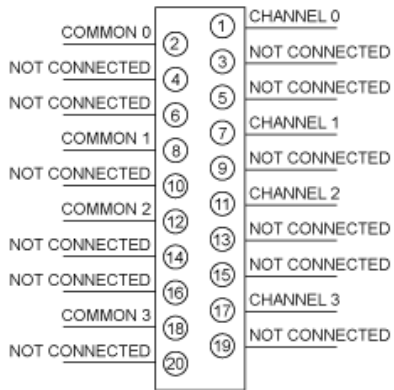
- (1) with removable terminal block (cage, screw or spring)
- (2) with FCN connector
- (3) on AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMEXBP0400/0400H/0800/0800H/1200/1200H rack.

	a (in mm)	a (in in.)
BMEXBP0400 and BMEXBP0400H	242.4	09.54
BMEXBP0800 and BMEXBP0800H	372.8	14.68
BMEXBP1200 and BMEXBP1200H	503.2	19.81

---

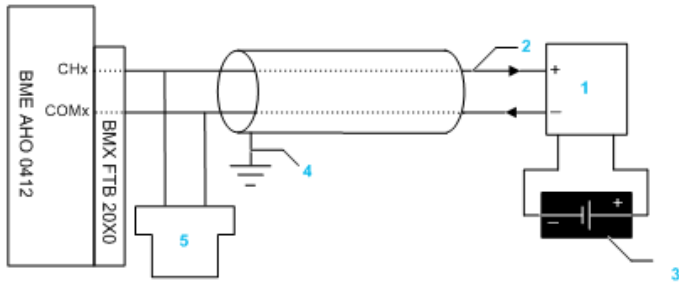
Module Connection

---



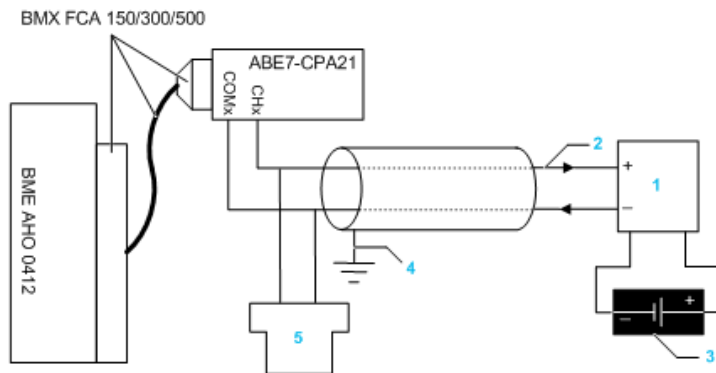
Output Circuit Diagram

With 2-Wire or 4-Wire Transmitter



- 1 2-wire or 4-wire transmitter
- 2 4-20 mA current loop, with arrows indicating direction of current flow
- 3 Field power supply (for 4-wire design only)
- 4 Protective ground
- 5 Secondary HART master (hand-held)

With 2-Wire or 4-Wire Transmitter, TELEFAST Connector



- 1 2-wire or 4-wire transmitter
- 2 4-20 mA current loop, with arrows indicating direction of current flow
- 3 Field power supply (for 4-wire design only)
- 4 Protective ground
- 5 Secondary HART master (hand-held)