

Partner Module Ethernet System Weighing Transmitter - 1 channel

PMESWT0100

EAN Code: 3606485407791

Main

Range of product	Modicon X80
Product or component type	Weighing transmitter module

Complementary

Product compatibility	BMEXBP backplane Head module BMECRA31210 BMEP58 processor		
Power consumption in W	3.5 W		
Number of measurement input	1		
Input voltage	5 V DC		
Resolution	24 bits internal 1000000 points user factory calibrated 500000 at 2 mV/V		
Measuring rate	6400 measurements per second internal 100 measurements per second external		
Output type	Reflex digital output		
Discrete output number	4 positive logic (source) total 2 for dosing 2 for threshold monitoring		
Discrete output voltage	<= 55 V DC		
Nominal output current	400 mA		
Response time	2 ms		
Discrete input number	2 positive logic for weighing functions		
Voltage state 0 guaranteed	03 V DC		
Voltage state 1 guaranteed	928 V DC		
Discrete input current	20 mA at 24 V		
Status LED	1 LED (green) module operating (RUN) 1 LED (red) module error (ERR) 1 LED (red) external fault (I/O) 1 LED (green) communication (COM) 1 LED (yellow) test mode (TEST) 1 LED (green) calibration (CAL) 1 LED (red) converter error (FAULT) 1 LED (red) memory corruption (MEM ERR) 1 LED (green) digital output status (S0) 1 LED (green) digital output status (S1)		
Net weight	0.233 kg		

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1	1
Package 1 Height	7.2 cm
Package 1 Width	13.3 cm
Package 1 Length	17.0 cm
Package 1 Weight	287.0 g
Unit Type of Package 2	S04
Number of Units in Package 2	32
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	10.185 kg

Logistical informations

Country of origin

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

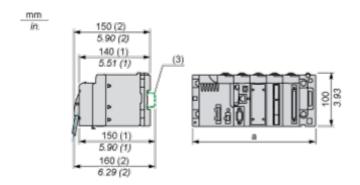
○ Repack and remanufacture	
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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Dimensions Drawings

Modules Mounted on Racks

Dimensions



- (1) with removable terminal block (cage, screw or spring)
- (2) with FCN connector

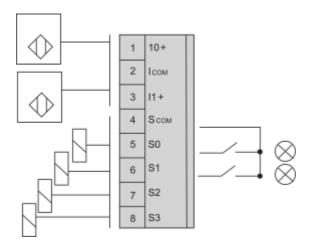
(3) on AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMEXBP0400/0400H/0800/0800H/1200/1200H rack.

	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

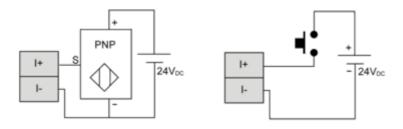
Connections and Schema

Dimensions

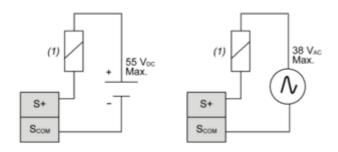
Input/Output Connections



Examples of Detector and Push-button Wiring



Examples of Output Wiring



(1) Load