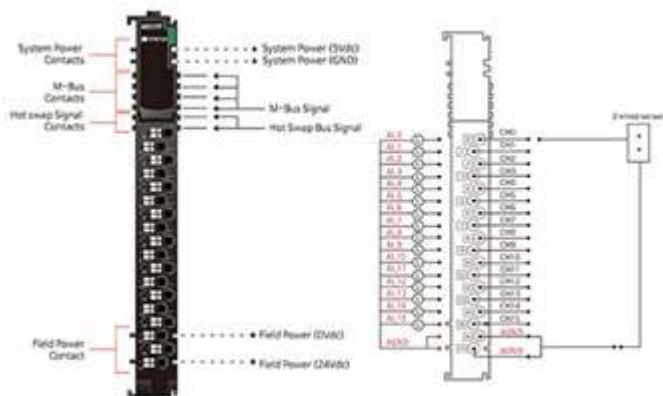




M319F

16 analog inputs

0~20/4~20 mA

16 bit resolution

Hotswap

18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8232
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), DNVGL-CG-0339 (Vibration Class B, 4G)
Industrial emissions	EN 61000-6-4/2019
Industrial immunity	EN 61000-6-2 : 2019
Installation position	Horizontal, Vertical
Power dissipation	Max. 200 mA @ 5.0 VDC
Isolation	I/O to Logic : DC-DC Isolation, Field power : Not Connected
Field power	Not used Field power bypass to next expansion module
Weight	72g
Module size	12 x 110 x 75 mm

Certifications

General	CE, FCC, UL, cUL
Hazardous	UL C1D2, ATEX (Zone2)
Marine	DNV GL
Safety	UL508, CAN/CSA C22.2 No.142-M1987

Environmental

Mounting	35mm DIN rail
Operating temperature	-25 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-25 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Analog input module specifications

Calibration	Not required
Common type	2 Common
Conversion time	Max. 3.2 msec (All channel)
Data format	16 bits Integer (2' compliment)
Indicators	1 Green M-Bus status LED
Input current range	0~20 mA, 4~20 mA
Input impedance	100 Ω
Inputs per module	16 Channels single ended, non-isolated between channels
Module error	$\pm 0.1\%$ Full Scale @ 25°C ambient, $\pm 0.3\%$ Full Scale @ -25°C~60°C
Resolution in ranges	16 bit (Include Sign), 15 bits : 0.61 $\mu\text{A/Bit}$ (0~20 mA), 0.49 $\mu\text{A/Bit}$ (4~20 mA)

People & Technology. Connected.

We are a people company. Our experienced, skilled and passionate people empower you to meet your challenges through best-in-class, user-friendly solutions. We are a technology company. We help you optimize processes through our software, hardware and services, and through our support. Connecting people and technologies gives you the means to accomplish your goals and ambitions, and gain a competitive edge in today's digitalized world.

Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmö, SWEDEN

+46 40 35 86 00 (tel:+46 40 35 86 00)

info@beijerelectronics.com (mailto:info@beijerelectronics.com)