

Brad® Nano-Change® (M8) Distribution Boxes (Europe)

120113 Single Wired Ports with M16 HR Connector



Features and Benefits

- Fully potted, factory assembled boxes simplify on machine wiring installations
- Compact—small footprint for tight spaces
- Can be mounted in two orientations for added flexibility
- One input/output per port
- Indicating LEDs for power and sensor trigger indication
- M16 home run connector for easy replacement

Electrical

Voltage: 10-30V DC max.
 Amperage: Module—6.0A max.
 Port—2.0A max.

Physical

Housing: PBT
 Port Shell Material: Nickel-plated Brass
 Contacts: Copper alloy with Gold over Nickel plating
 Home Run Connector: M16 14-pole male connector
 Wiring Configuration: Single I/O, M8 3-pole female port
 Operating Temperature: -25 to +90°C

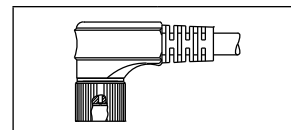
Environmental

Protection: IP67
 NEMA Rating: NEMA 6

Port Configuration	Box Configuration	Ports	LED Indicator	for Sensor	Engineering. No	Standard Order No.
		4	Yes	PNP	BNY401P-FBC	120113-0023
		6	Yes	PNP	BNY601P-FBC	120113-0026
		8	Yes	PNP	BNY801P-FBC	120113-0029
		10	Yes	PNP	BNYA01P-FBC	120113-0020

Suggested Home Run Cable Assemblies

M16 14-pole Female Cordsets



use with	Cable Jacket	No. conductors	Cable Construction	Length	Engineering No.	Standard Order No.
4port Block	PUR	6	Black PUR, 6x0.34mm ²	10.0m	L04301M78M100	130023-0063
6port Block		8	Black PUR, 8x0.34mm ²		L04201M78M100	130023-0059
8port Block		10	Black PUR, 10x0.34mm ²		L04101M78M100	130023-0055
10port Block		12	Black PUR, 12x0.34mm ²		L04A01M78M100	130023-0068

Note: Sales drawings for all standard order numbers are available on molex.com