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**Part Number:** [1201148020](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® (M12) Molded Junction Box, Top Mount, 4 Poles/8 Ports, LEDs for NPN sensors, with Molded PUR Cable, 5.0m Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-120005-001 \(PDF\)](#)

**Agency Certification**

CSA LR6837  
 UL E152210

**General**

Product Family Passive Distribution Boxes  
 Series [120114](#)  
 IP Rating IP68  
 NEMA Rating NEMA 6  
 Overview [Brad® Micro-Change® \(M12\) Connectors](#)  
 Product Name Micro-Change® (M12)  
 UPC 883906408107

**Physical**

Bus I/O Micro-Change® (M12)  
 Cable Connector Orientation Straight  
 Cable Length 5.0m  
 Home Run Cable Length N/A  
 Home Run Connector N/A  
 Home Run Interface N/A  
 Keyway Single  
 LED Indicator Yes  
 Material - Cable Jacket PUR  
 Material - Housing PBT  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold over Nickel  
 Orientation Top Mount  
 Poles 4  
 Poles (wired) 4  
 Ports 8  
 Temperature Range - Operating -5°C to +90°C  
 Wiring Configuration Single I/O per Port

**Electrical**

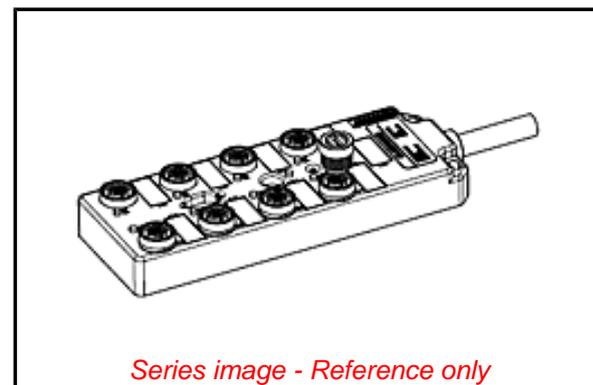
Current - Maximum per Contact 12.0A per module, 4.0A per port  
 Functional Wiring NPN  
 Voltage - Maximum 10-30V DC

**Material Info**

Old Part Number BTY800N-FBP-05

**Reference - Drawing Numbers**

Product Specification PS-120005-001  
 Sales Drawing SD-120005-011



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant/Exempted**

**REACH SVHC**

Yes -ED/108/2014 (17 Dec 2014)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

50 Image

ELV

Not Relevant

**Search Parts in this Series**

[120114 Series](#)

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