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Part Number: [1120380028](#)
Status: **Active**
Overview: [Brad® Harsh-Duty IO Modules](#)
Description: Brad® HarshIO Digital Module for Profibus, Classic 60mm, IP67, 8 Ports M12, 14 Inputs / 2 Outputs, NPN, 5 Pole Power

Documents:

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E200650

General

Product Family Industrial I/O Modules
 Series [112038](#)
 Application Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems
 Approvals PI, UL, cUL, CE
 Current - Maximum Output 2.0A per Channel
 Format Classic (60mm)
 I/O Ports 8x M12
 IP Rating IP67
 Mechanical Shock 10G, 11ms, 3 AXIS
 Overview [Brad® Harsh-Duty IO Modules](#)
 Product Literature Order No 987650-5701
 Product Name HarshIO Profibus* DP
 Protocol Profibus* DP
 Software Downloads [/molex/mysst/searchBrad.action?itemSoftware=true&itemDocument=true&itemTechNote=true&itemDemo=true&RPP=10&legacy=false&partnumber=TCDPB-8xxx-xxx](#)

UPC 78678890820

Physical

Bus Input 5-pole Micro-Change® (M12), B-Coded, Male
 Bus Output 5-pole Micro-Change® (M12), B-Coded, Female
 Housing Width 60.00mm
 I/O Connector 5-pole Micro-Change® (M12), A-Coded, Female
 I/O Signal Mix 14 input / 2 output
 Power Input 5-pole Mini-Change®, Male
 Power Output 5-pole Mini-Change®, Female
 Temperature Range - Operating -25°C to +70°C
 Vibration IEC 60068-2-6

Electrical

EMC IEC 61000-6-2
 Input Delay 2.5ms
 Input Device Supply 140 mA per port at 25°C
 Input Type NPN or Dry Contact

Material Info

Old Part Number TCDPB-8C2N-B1U

Reference - Drawing Numbers

Sales Drawing 1120380030, SD-112038-001, SD-112038-0024



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

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

China ROHS Not Reviewed
 ELV Not Reviewed

China RoHS

Search Parts in this Series

[112038 Series](#)

This document was generated on 07/23/2015

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