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**Part Number:** [1120920019](#)  
**Status:** **Active**  
**Overview:** IP67-Rated HarshIO Modules  
**Description:** Brad HarshIO Digital Module for DeviceNet, Classic 60mm, IP67, 8 Ports M12, 16 Inputs, NPN

**Documents:**

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

**Agency Certification**

UL E200650

**General**

Product Family Industrial I/O Modules  
 Series [112092](#)  
 Application Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems  
 Approvals ODVA, UL, cUL, CE  
 Current - Maximum Output N/A  
 Format Classic (60mm)  
 I/O Ports 8x M12  
 IP Rating IP67  
 Mechanical Shock 10G, 11ms, 3 AXIS  
 Overview [IP67-Rated HarshIO Modules](#)  
 Product Literature Order No 987650-5283  
 Product Name HarshIO DeviceNet  
 Protocol DeviceNet  
 Software Downloads TBDDN-8xxx-xxx  
 UPC 78172502172

**Physical**

Bus Input 5-pole Mini-Change (7/8), Male  
 Bus Output 5-pole Mini-Change (7/8), Female  
 Housing Width 60.00mm  
 I/O Connector 5-pole Micro-Change (M12), A-Coded, Female  
 I/O Signal Mix 16 input  
 Power Input 4-pole Mini-Change, Male  
 Power Output 4-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 3 ms  
 Input Device Supply 140 mA per port at 25°C  
 Input Type NPN or Dry Contact

**Material Info**

Engineering Number TCDDN-8D0N-10U

**Reference - Drawing Numbers**

Sales Drawing 1120920010-000, SD-112092-004



**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**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

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

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