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Part Number: [1120920007](#)
Status: **Active**
Overview: [Brad® Harsh-Duty IO Modules](#)
Description: Brad® HarshIO Digital Module for DeviceNet, Compact 30mm, IP67, 4 Ports M12, 8 Inputs ,PNP



Series image - Reference only

Documents:
[Drawing \(PDF\)](#) [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	Compact (30mm)
I/O Ports	4x M12
IP Rating	IP67
Mechanical Shock	10G, 11ms, 3 AXIS
Overview	Brad® Harsh-Duty IO Modules
Product Name	HarshIO DeviceNet*
Protocol	DeviceNet*
Software Downloads	/molex/mysst/searchBrad.action?itemSoftware=true&itemDocument=true&itemTechNote=true&itemDemo=true&RPP=10&legacy=false&partnumber=TBDDN-4xxx-xxx
UPC	78678801531

Physical	
Bus Input	5-pole Micro-Change® (M12), A-Coded, Male
Bus Output	5-pole Micro-Change® (M12), A-Coded, Female
Housing Width	30.00mm
I/O Connector	5-pole Micro-Change® (M12), A-Coded, Female
I/O Signal Mix	8 input
Power Input	Via Bus Connector
Power Output	None
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	PNP or Dry Contact

Material Info	
Old Part Number	TBDDN-480P-80U

Reference - Drawing Numbers	
Sales Drawing	SD-112092-006

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 Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS Not Reviewed ELV Not Relevant

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