

IP67 rated digital IO modules for harsh environments are designed for direct machine mount applications with PROFINET-IO communication capabilities.

Specifications



PROFINET IO-Device, Conformance Class B
 IP addressing: DCP or static
 RT I/O update, up to 1 ms
 Services²: PROFIenergy, SNMP V1/V2/V3, LLDP S/R, MRP, I&M, EasyDevice replacement, Fast Start-Up (FSU) < 500ms
 GSDML configuration file (downloadable via integrated Web server)
 Embedded display¹ for diagnostic
 Grounding isolation² between Input/logic and Output Power
 Operating Temperature: -25 to +70°C
 Storage Temperature: -40 to +90°C
 Approvals: CE, UL, cUL, Rohs, REACH, PNO Certified

User manual and GSDML files to download under:
www.molex.com (select Brad Automation Products Support Center)

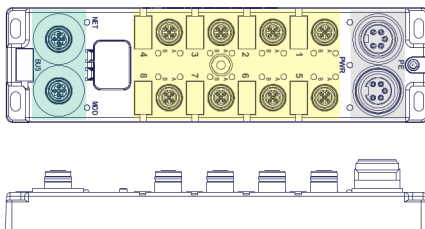
Brad® PROFINET Harsh IO Modules



Brad® Harsh IO IP67 PROFINET Modules
 60mm and 30mm

Ordering Information

Brad® Harsh IO IP67 PROFINET Module – 60mm M12

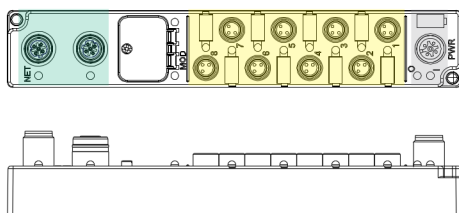


Connectivity

Ethernet: 2x Female M12 4P D-Code Built-in 2 port switch Ultra-Lock® compatible	Inputs/Outputs: 8x Female M12 5P A-Code Dual IO signal per port Inputs 24V max. 140mA Outputs 24V max. 2A Ultra-Lock® compatible	Power: 1x Male 7/8" 4 or 5 Pole 1x Fem. 7/8" 4 or 5 Pole Voltage: 24V Input & Output, max. 8 Amps
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Power Type	Input/Output (PNP)	Engineering No.	Standard Order No.
7/8" 5 Pole	16I	TCDEP-8D0P-D1U-G	112095-5048
	8I/8O	TCDEP-888P-D1U-G	112095-5050
	12I/4O	TCDEP-8B4P-D1U-G	112095-5051
	16O	TCDEP-80DP-D1U-G	112095-5049
	User Config.	TCDEP-8YYX-D1U	112095-5037
7/8" 4 Pole ⁽³⁾	16I	TCDEP-8D0P-DYU-G	112095-5052
	8I/8O	TCDEP-888P-DYU-G	112095-5053
	12I/4O	TCDEP-8B4P-DYU-G	112095-5054
	16O	TCDEP-80DP-DYU-G	112095-5055

Brad® Harsh IO IP67 PROFINET Module – 30mm M8



Connectivity

Ethernet: 2x Female M12 4P D-Code Built-in 2 port switch Ultra-Lock® compatible	Inputs/Outputs: 8x Female M8 3 Poles Single IO signal per port Inputs 24V max. 140mA Outputs 24V max. 1.4A	Power: 1x Male M12 5 Pole Voltage: 24V Input & Output, max. 4 Amps
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Power Type	Input/Output (PNP)	Engineering No.	Standard Order No.
M12 5 Pole	8I	TBDEP-880P-D84-G	112095-5064
	4I/4O	TBDEP-844P-D84-G	112095-5065
	8O	TBDEP-808P-D84-G	112095-5066
	User Config.	TBDEP-8YYP-D84-G	112095-5067

(1) Only on Harsh IO 60mm model.
 (2) Not available on User Configurable IO model.
 (3) 4 Poles Mini-Change® (7/8") cordsets are not listed in this brochure. For more information consult our web page or industrial automation catalog.