

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1120985002](#)
Status: **Active**
Overview: [IP67-Rated HarshIO Modules](#)
Description: Brad HarshIO Digital Module for CANopen, Compact 30mm, IP67, 8 Ports M8, 4 Inputs / 4 Outputs, NPN



Documents:	
3D Model	RoHS Certificate of Compliance (PDF)
3D Model (PDF)	Product Literature (PDF)
Drawing (PDF)	

Agency Certification	
UL	E200650
General	
Product Family	Industrial I/O Modules
Series	112098
Application	Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems
Approvals	CiA, UL, cUL, CE
IP Rating	IP67
Overview	IP67-Rated HarshIO Modules
Product Literature Order No	987650-9332
Product Name	HarshIO CanOpen
Protocol	CANopen
Software Downloads	TBDCO-8xxx-xxx
UPC	883906226633
Physical	
Bus Input	5-pole Micro-Change (M12), A-Coded, Male
Bus Output	5-pole Micro-Change (M12), A-Coded, Female
Format	Compact (30mm)
Housing Width	30.00mm
I/O Connector	3-pole Nano-Change (M8), Female
I/O Ports	8x M8
I/O Signal Mix	4 input / 4 output
Mechanical Shock	10G, 11ms, 3 AXIS
Power Input	Via Bus Connector
Power Output	None
Temperature Range - Operating	-25°C to +70°C
Vibration	IEC 60068-2-6
Electrical	
Current - Maximum Output	2.0A per Channel
EMC	IEC 61000-6-2
Input Delay	2.5ms
Input Device Supply	200 mA per port at 25°C
Input Type	NPN or Dry Contact
Material Info	
Engineering Number	TBDCO-844N-804
Reference - Drawing Numbers	
Sales Drawing	1120985001-000, TBDCO-8XXX-804

EU ELV Not Reviewed	
EU RoHS Not Reviewed REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed	China RoHS
For more information, please visit Contact US	
China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series
[112098](#) Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION