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**Part Number:** **1120985004**  
**Status:** **Active**  
**Overview:** IP67-Rated HarshIO Modules  
**Description:** Brad HarshIO Digital Module for CANopen, Compact 30mm, IP67, 8 Ports M8, 6 Inputs / 2 Outputs, NPN

**Documents:**

<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Drawing (PDF)</a>	

**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	<a href="#">IP67-Rated HarshIO Modules</a>
Product Literature Order No	987650-9332
Product Name	HarshIO CanOpen
Protocol	CANopen
Software Downloads	TBDCO-8xxx-xxx
UPC	883906226657

**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	6 input / 2 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-862N-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**

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

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