

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1120985008](#)  
**Status:** **Active**  
**Overview:** IP67-Rated HarshIO Modules  
**Description:** Brad HarshIO Digital Module for CANopen, Compact 30mm, IP67, 8 Ports M8, 8 Universal & User configurable Inputs/Outputs

**Documents:**

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

**Agency Certification**

UL E200650

**General**

Product Family	Industrial I/O Modules
Series	<a href="#">112098</a>
Application	Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems
Approvals	CiA, UL, cUL, CE
Comments	Universal & User Configurable input / output channels.
IP Rating	IP67
Overview	<a href="#">IP67-Rated HarshIO Modules</a>
Product Name	HarshIO CanOpen
Protocol	CANopen
Software Downloads	TBDCO-8xxx-xxx
UPC	883906226695

**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	8 input / output configurable
Mechanical Shock	10G, 11ms, 3 AXIS
Net Weight	262.176/g
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	Configurable

**Material Info**

Engineering Number TBDCO-8YYX-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](#)

This document was generated on 07/20/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**