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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

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

Search Parts in this Series

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