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**Part Number:** [1120955111](#)  
**Status:** **Active**  
**Overview:** Brad® Harsh-Duty IO Modules  
**Description:** Brad® EtherNet/IP™\* CIP\* Safety HarshIO Modules, Classic 60.00mm, IP67, 8 Ports M12, 12 PNP Safety Inputs, 4 Sourcing Safety Outputs, Window Memory Key, 5-Pole Power

**Documents:**

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                             |  |
|-----------------------------|--|
| Product Family              | Industrial I/O Modules   |
| Series                      | <a href="#">112095</a>   |
| Application                 | Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems |
| Approvals                   | CE, UL, cUL, TÜV, ODVA   |
| Comments                    | 12 safe inputs + 4 safe outputs, Cat 4 / PLe, window memory key                  |
| Current - Maximum Output    | 1.0A per Channel   |
| Format                      | Classic (60mm)   |
| I/O Ports                   | 8x M12   |
| IP Rating                   | IP67   |
| Mechanical Shock            | 15G, 11ms, 3 AXIS  |
| Overview                    | <a href="#">Brad® Harsh-Duty IO Modules</a>                                      |
| Product Literature Order No | 987651-3863  |
| Product Name                | HarshIO EtherNet/IP*, IP CIP Safety  |
| Protocol                    | EtherNet/IP CIP Safety   |
| Software Downloads          | TCDEC-8B4x-DxU-Gx  |
| UPC                         | 889056164733   |

**Physical**

|                               |   |
|-------------------------------|---|
| Bus Input                     | 4-pole Micro-Change® (M12), D-Coded, Female |
| Bus Output                    | 4-pole Ultra-Lock® (M12), D-Coded, Female   |
| Housing Width                 | 60.00mm                                     |
| I/O Connector                 | 5-pole Ultra-Lock® (M12), A-Coded, Female   |
| I/O Signal Mix                | 12 input / 4 output                         |
| Power Input                   | 5-pole Mini-Change®                         |
| Power Output                  | 5-pole Mini-Change®                         |
| Temperature Range - Operating | -25°C to +70°C                              |
| Vibration                     | 50G, 6ms, 3 AXIS                            |

**Electrical**

|                     |   |
|---------------------|---|
| EMC                 | EN 62061:2005+AC:2010+A1:2013, IEC 61131-2:2007 |
| Input Delay         | ON – OFF, OFF – ON                              |
| Input Device Supply | 700mA per port                                  |
| Input Type          | PNP or Dry Contact                              |

**Material Info**

|                 |                   |
|-----------------|-------------------|
| Old Part Number | TCDEC-8B4P-D1U-GW |
|-----------------|-------------------|

**Reference - Drawing Numbers**

|               |            |
|---------------|------------|
| Sales Drawing | 1120955087 |
|---------------|------------|

\*EtherNet /IP™ and CIP (Common Industry Protocol) are trademarks of the Open DeviceNet Vendor Association (ODVA).



**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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China ROHS

Not Reviewed

ELV

Not Reviewed

**Search Parts in this Series**

[112095 Series](#)

This document was generated on 04/05/2016

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