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**Part Number:** [1120955049](#)  
**Status:** **Active**  
**Overview:** IP67-Rated HarshIO Modules  
**Description:** Brad HarshIO Digital Module for PROFINET, Fast Start-Up, Classic 60mm, IP67, 8 ports M12, 16 Outputs, PNP, 5 Pole Power

**Documents:**

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

**Agency Certification**

UL E200650

**General**

|                    |  |
|--------------------|--|
| Product Family     | Industrial I/O Modules   |
| Series             | <a href="#">112095</a>   |
| Application        | Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems |
| Approvals          | PI, UL, cUL, CE  |
| EPLAN              | Yes  |
| IP Rating          | IP67   |
| Overview           | <a href="#">IP67-Rated HarshIO Modules</a>                                       |
| Product Name       | HarshIO PROFINET IO  |
| Protocol           | PROFINET   |
| Software Downloads | TCDEP-8xxP-DxU-G   |
| UPC                | 884982792814   |

**Physical**

|                               |  |
|-------------------------------|--|
| Bus Input                     | 4-pole Ultra-Lock (M12), D-Coded, Female |
| Bus Output                    | 4-pole Ultra-Lock (M12), D-Coded, Female |
| Format                        | Classic (60mm)                           |
| Housing Width                 | 60.00mm                                  |
| I/O Connector                 | 5-pole Ultra-Lock (M12), A-Coded, Female |
| I/O Ports                     | 8x M12                                   |
| I/O Signal Mix                | 16 output                                |
| Mechanical Shock              | 10G, 11ms, 3 AXIS                        |
| Power Input                   | 5-pole Mini-Change, Male                 |
| Power Output                  | 5-pole Mini-Change, Female               |
| 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      | 140 mA per port at 25°C |
| Input Type               | PNP or Dry Contact      |

**Material Info**

Engineering Number TCDEP-80DP-D1U-G

**Reference - Drawing Numbers**

Sales Drawing 1120955011-000



**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 |

**China RoHS**

**Search Parts in this Series**

[112095 Series](#)

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