DIN Valve Adapters

DIN Valve Adapter with M12 Connection

Connector for pressure switches according to DIN EN 175301-803, form A, with LED operation and function indicator, with M12 male receptacle connect.

DIN Valve Adapter with M12 Connection

Valve adaptor according to DIN EN 175301-803, form A, with LED function indicator, varistor voltage protection, connected protective earth, with M12 male receptacle connector.

Pin Assignments

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<th>Wiring Diagram</th>
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<td>VAD 3C-4-1-M12-5</td>
<td>VAD 3C-4-1-M12-5</td>
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<td>VAD 1A-1-3-M12-5</td>
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Be Certain with Belden

**DIN Valve Adapters**  
VAD 3C-4-1 | VAD 1A...M12

### Technical Data

#### Environmental
- **Degree of protection**: IP 67 / NEMA 6P
- **Operating temperature range**: -25°C (-13°F) / +80°C (+176°F)

#### Mechanical
- **Housing / Molded body**: VAD: TPU, self-extinguishing  
  M12: CuZn, nickel-plated
- **Insert**: VAD: PBT  
  M12: PA
- **Contact**: VAD: CuZn, pre-nickeled and tin-plated  
  M12: CuZn, pre-nickeled and 0.8 microns gold-plated

#### Electrical
- **Contact resistance**: ≤ 5 mΩ
- **Nominal current at 40°C**: 4 A
- **Rated voltage**: VAD 3C-4-1: 32 V DC  
  VAD 1A-1-3: 24 V AC/DC
- **Insulation resistance**: > 10⁹ Ω
- **Pollution degree**: 3

#### Varistor data
- **Nominal voltage**: 47 V at 0.1 mA
- **typ. limiting voltage**: 110 V at 5 A
- **max. pulse energy**: 0.9 Ws
- **max. continuous power loss**: 0.01 W

#### Accessories (incl.)
- Attachable label
- Screw (fitted)

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