

## DIN Valve Adapters

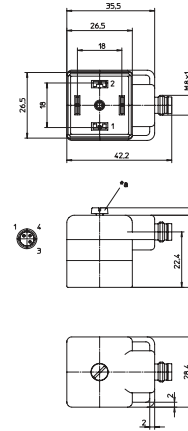
### VAD 1A...M8 | VB 1A...M8



#### DIN Valve Adapter with M8 Connection

Valve adaptor according to DIN EN 175301-803, form A, with LED function indicator, varistor voltage protection, connected protective earth, with M8 male receptacle connector.

#### VAD 1A...M8



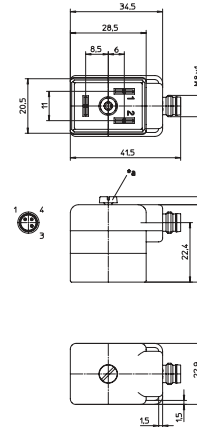
\*a M3 screw



#### DIN Valve Adapter with M8 Connection

Valve adaptor according to DIN EN 175301-803, form B, with LED function indicator, varistor voltage protection, connected protective earth, with M8 male receptacle connector.

#### VB 1A...M8



\*a M3 screw

### Pin Assignments

#### Face Views

##### VAD 1A-1-3-M8-3

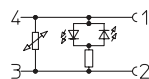


##### VB 1A-1-2-M8-3

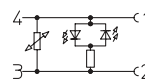


#### Wiring Diagram

##### VAD 1A-1-3-M8-3



##### VB 1A-1-2-M8-3





# Be Certain with Belden

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VAD 1A...M8 | VB 1A...M8

### 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/VB: TPU, self-extinguishing  
 M8: CuZn, nickel-plated  
 Insert VAD/VB: PBT  
 M8: PA  
 Contact VAD/VB: CuZn, pre-nickel-  
 and tin-plated  
 M8: CuZn, pre-nickel- and  
 0.8 microns gold-plated

#### Electrical

Contact resistance  $\leq 5 \text{ m}\Omega$   
 Nominal current at 40°C 4 A  
 Nominal voltage 24 V  
 Rated voltage 32 V  
 Insulation resistance  $> 10^9 \Omega$   
 Pollution degree 3

#### Varistor data

Nominal voltage 47 V at 0.1 mA  
 typ. limiting voltage 110 V at 5 A  
 max. pulse energy (standard impulse 10/1000us) 0.9 Ws  
 max. continuous power loss 0.01 W

#### Accessories (incl.)

Attachable label  
 Screw (fitted)

Part Number	Pins	Characteristics
VAD 1A-1-3-M8-3    VB 1A-1-2-M8-3	2	