



# 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  $\leq 5 \text{ m}\Omega$   
 Nominal current at 40°C 4 A  
 Nominal voltage VAD 1A: 24 V  
 VAD 3C: 24 V DC  
 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	Order Number	Pins	Characteristics
VAD 3C-4-1-M12-5	46568	2 + 	 
VAD 1A-1-3-M12-5	12141	2 + 	 