

DIN Valve Adapters

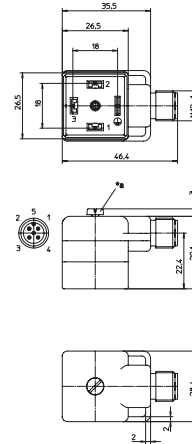
VAD 3C-4-1 | VAD 1A...M12



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.

VAD 3C-4-1



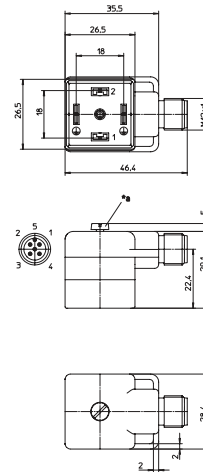
*a M3 screw



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.

VAD 1A...M12

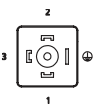


*a M3 screw

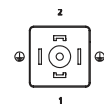
Pin Assignments

Face Views

VAD 3C-4-1-M12-5

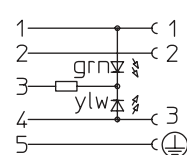


VAD 1A-1-3-M12-5

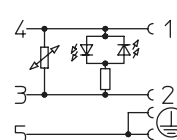


Wiring Diagram

VAD 3C-4-1-M12-5



VAD 1A-1-3-M12-5





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-nickel and tin-plated
M12: CuZn, pre-nickel and 0.8 microns gold-plated

Electrical

Contact resistance $\leq 5 \text{ m}\Omega$
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 $> 10^9 \Omega$
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 3C-4-1-M12-5	2 +	
VAD 1A-1-3-M12-5	2 +	