

DIN Valve Connectors - VAD 1A/1B Series

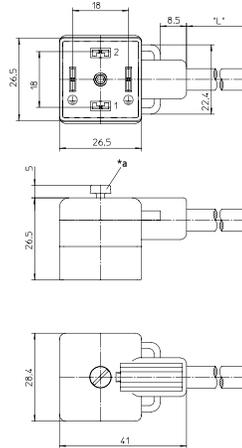
VAD 1A



Actuator cordset, single-ended, valve connector according to DIN EN 175301-803, form A, with LED function indicator, varistor voltage protection, connected protective earth

VAD 1A-1-3: 24 V AC
VAD 1A-2-3: 110 V AC
VAD 1A-3-3: 230 V AC

VAD 1A

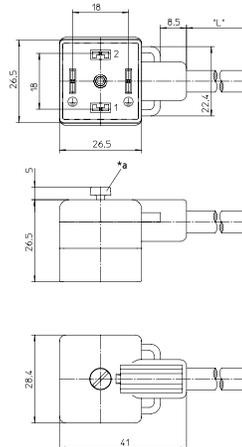


VAD 1B



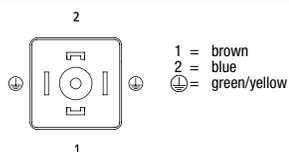
Actuator cordset, single-ended, valve connector according to DIN EN 175301-803, form A, with LED function indicator, suppressor diode voltage protection, connected protective earth

VAD 1B



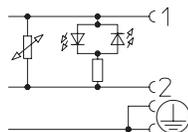
Pin Assignments

VAD 1A / VAD 1B

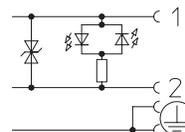


Wiring Diagram

VAD 1A



VAD 1B



The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.

DIN Valve Connectors - VAD 1A/1B Series

VAD 1A-X-3-XXX and VAD 1B-1-3-XXX

Technical Data

Environmental

Degree of protection IP 67
 Operating temperature range -25°C / +80°C

Mechanical

Housing / Molded body TPU, self-extinguishing
 Insert PBT
 Contact CuZn, nickel-plated and tin-plated

Electrical

Contact resistance $\leq 5 \text{ m}\Omega$
 Nominal current at 40°C 4 A
 Nominal voltage VAD 1A-1-3: 24 V
 VAD 1A-2-3: 110 V
 VAD 1A-3-3: 230 V
 Rated voltage 32 V
 Insulation resistance $> 10^9 \Omega$
 Pollution degree 3

Varistor data (VAD 1A – 24 V AC)

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

Supressor diode data (VAD 1B)

Nominal voltage 47 V at 1 mA
 Max. limiting voltage 68 V at 8.9 A
 Typ. limiting voltage 60 V at 5 A
 Max. pulse current (pulse shape 10/1000us) 8.9 A
 Max. pulse power (pulse shape 10/1000us) 600 W
 Max. continuous power loss 0.5 W

Accessories (incl.)

Attachable label
 Screw (fitted)

Part Number	Poles	Outer Jacket	Characteristics
VAD 1A-1-3-212/... M VAD 1B-1-3-212/... M	⊕	PVC	
VAD 1A-2-3-212/... M		PVC	
VAD 1A-3-3-212/... M	2 +	PVC	
VAD 1A-1-3-226/... M VAD 1B-1-3-226/... M		PUR halogen free	 
VAD 1A-2-3-226/... M		PUR halogen free	 
VAD 1A-3-3-226/... M		PUR halogen free	 

Standard lengths: 2 M / 5 M / 10 M
Other cable lengths or cable specifications available upon request.

The application of these products in harsh environments should always be checked before use.

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