

The information/details in this datasheet merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be binding if these are expressly agreed on conclusion of the contract.



Product description

Description	2 united molded cable sockets, one with integrated M12 male connector
Type	VAD M12 1A-VAD 1A-1-3
Type of contacts	female male M12
Number of contacts	4, (2 + 2PE) 5 , integrated M12 male
Standard	DIN EN 175301-803-A
Construction type	A
Color housing	transparent with LED

Description of wiring

Function indicator	LED yellow
Protective circuit	Varistor
Clamping voltage Vc	110V to 5A
Continuous power loss P max.	0,01 W

Technical data

Clearance / Creepage distance	DIN EN 60664-1 (2008/01); VDE 0110-1
Rated voltage	32V DC
Insulation resistance	> 10 ⁹ Ohm
Rated current *	4 A
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	< 5 mOhm
Mounting	Central screw M 3

Materials

Contact	CuZn
Contact plating	Cu/Ni,Sn
Contact bearer	PBT, black
over molding	TPU
Central screw	1.4401...Zn, chromated blue

Resistances

Plug	according to DIN EN 175301-803
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Environmental conditions

Protection class (IEC 60529) *	IP67
Temperature range (connector)	-25°C to +80°C

* only if mounted and locked

Flammability class

over molding	UL 94 HB
Contact bearer	UL 94 V-0

Accessories

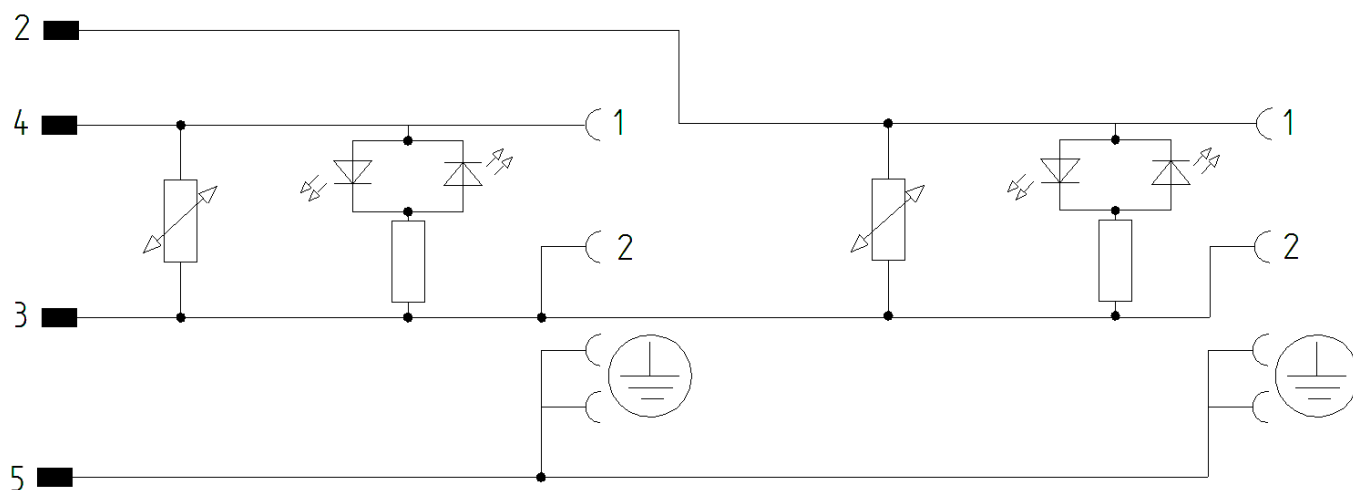
Attachable label

Cutline

Do not connect or disconnect under load.

"L" = standard length of control line

M12



Standard products

Artikel-No.	Type
000-005-805	VAD M12 1A-VAD 1A-1-3-226/0,2 M
000-012-180	VAD M12 1A-VAD 1A-1-3-226/0,4 M
000-012-181	VAD M12 1A-VAD 1A-1-3-241/0,4 M
000-014-869	VAD M12 1A-VAD 1A-1-3-269/0,4 M