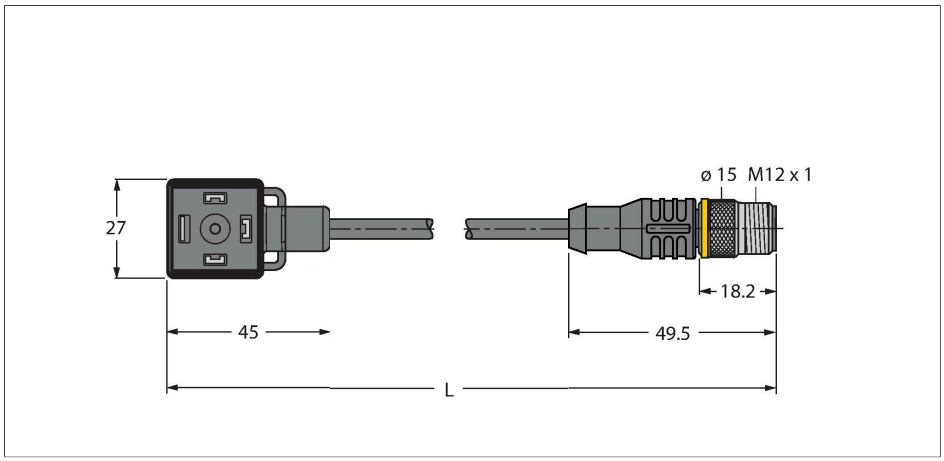
VAS04-K81E-0.6-RSC5T/TXL
Valve connector A type – Extension Cable



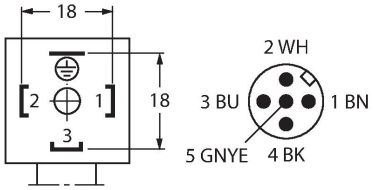
Features

- Valve connector, A type, 3-pin + PE
- Design according to DIN EN 175301-803
- RoHS compliant
- Protection class: IP65, IP67, IP68
- Without protective circuitry
- M12 male, straight, 4-pin + PE
- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals and oils
- UV and ozone resistance
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Cable length: 0.6 m

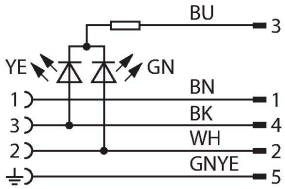
Technical data

Type	VAS04-K81E-0.6-RSC5T/TXL
ID	6606726
Connector A	Valve connector, Design A
Number of pins	3+PE
Contacts	Metal, CuSn, Silver-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, TPU, Black/Translucent
Protective component	without protective circuitry
Seal	Plastic, TPU
Display switch state	LED, Yellow/green
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP65, IP67, IP68, (mounted)
Connector B	Male, Straight
Number of Pins	4+PE
Cable diameter	Ø 5.2 mm ±0.20
Cable length	0.6 m
Cable jacket	PUR, Black
Core insulation	PP
Core cross-section	4 x 0.75 mm²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, WH, BU, BK, GNYE
Electrical properties at +20 °C	
Rated voltage	24 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 1 MΩ/km

Contact assignment



Circuit Diagram



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Technical data

Insulation resistance	≥ ≥ 10^8 Ω
forward resistance	max. 57 Ω/km
Mechanical and chemical properties	
Max. tensile strength (static)	≤ 50 N/mm²
Max. tensile strength (dynamic)	≤ 20 N/mm²
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 3 million
Admissible acceleration	max. 5 m/s²
Admissible travel path, horizontal	5 m (at 5 m/s²)
Admissible travel path, vertical	2 m (at 5 m/s²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m
Ambient temperature (fixed)	-40…+80 °C
Ambient temperature (mobile)	-30…+90 °C
Ambient temperature (drag chain)	-25…+60 °C
Mounting screw	Brass, CuZn, nickel-plated

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