

ZK4043-5101-1xxx | Sensor cable, 3 x 0.75 mm², PVC, black, fixed installation, MSUD, valve connector



M12, plug, straight, male, 5-pin, A-coded – valve plug, angled, female, 4-pin, Type A



Plugs

Electrical data	Head A	Head B
Rated voltage	30 V	24 V
Rated current	4 A at 40°C (according to IEC 61076-2-101)	4 A
Rated impulse voltage	1.5 kV	-
Shielding	no	-
Contact resistance	< 5 mΩ	-
Insulation resistance	1 GΩ	-
Mechanical data		
Accessories type	Connectors	-
Installation size	M12	-
Connector type	plug	valve plug
Configuration	straight	angled
Contact type	male	female

Number of positions (face)	5-pin	4-pin
Coding	A-coded	Type A
LED	-	with LED
Wire termination	screw connection	-
Recommended torque, nut	0.6 Nm	-
Recommended torque, screw termination	-	0.4...0.5 Nm
Screw	-	M3 x 0.5 L = 30mm
Mating cycles	≥ 100 (according to IEC 60512-9a)	≥ 100
Way of locking	screw	screw
Weight	0.023 kg (0.0507 lb)	-
Body color	black	black
Body material	PBT	-
Coupling nut material	CuZn, Ni	-
Seal	FKM	-
Contact carrier color	black	-
Contact carrier material	PBT	-
Contact plating	CuSnZn (white bronze)	-
Contact material	CuZn	-
Max. wire cross-section	max. 0.75 mm ² (AWG18)	-
Max. cable outer diameter	3.0...6.5 mm	-
Environmental data		
RoHS compliant	yes	yes
Ambient temperature (operation)	-25...+90°C, -13...+194°F	-25...+90°C, -13...+194°F
Protection rating	IP67 in screwed condition (according to IEC 60529)	IP64
Pollution level	3	3
UL	yes, UL E-file number: E480185	-

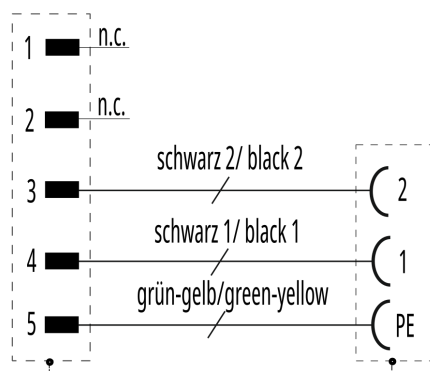
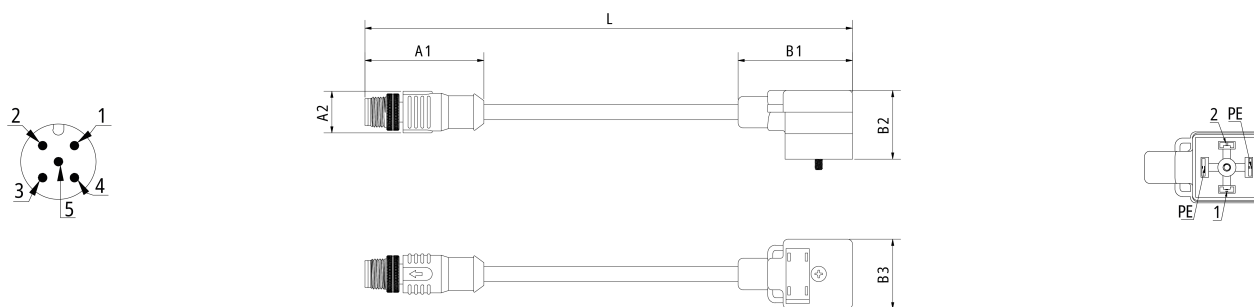
Cable

Electrical data	
Mechanical data	
Cross-section (signal)	3 x 0.75 mm ² (AWG 18)
Outer cable diameter	6.0 mm ± 0.2 mm ("0.23622 ± 0.0079")
Min. bending radius, moved	10 x outer cable diameter
Min. bending radius, fixed installation	5 x outer cable diameter
Use	drag-chain suitable

Jacket color	black
Material jacket	PVC (polyvinyl chloride)
Wire color code	black, black/white, green/yellow

Environmental data

Operation temperature range, moved	-25...+80°C, -13...+176°F
Halogen-free	no

Pin assignment**Dimensions**

A1	~60.00 mm
A2	Ø 20.00 mm
B1	45 mm
B2	27 mm
B3	27.4 mm

Ordering information**Length**

ZK4043-5101-1010	1.00 m
ZK4043-5101-1050	5.00 m

ZK4043-5101-1070

7.00 m

Further length on request



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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