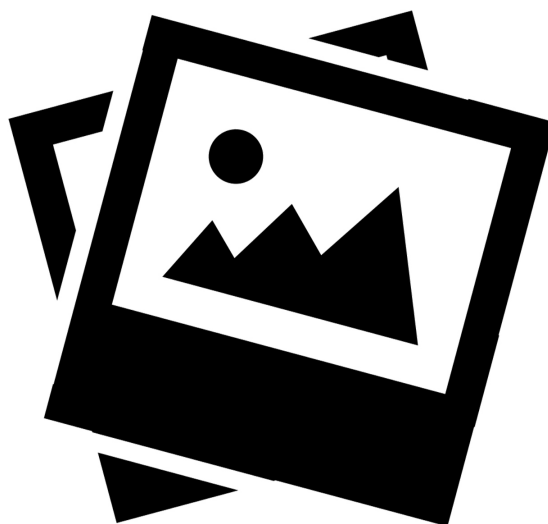


# ZK2000-5700-0xxx | Sensor cable, PUR, 5 x 0.34 mm<sup>2</sup>, drag-chain suitable



M12, flange, straight, male, 5-pin, A-coded – open end, 5-wire



## Plugs

Electrical data	Head A	Head B
Rated voltage	60 V (according to IEC 61076-2-101)	-
Rated current	4 A at 40 °C (according to IEC 61076-2-101)	-
Shielding	no	-
Contact resistance	< 10 mΩ	-
Insulation resistance	≥ 100 MΩ (according to IEC 60512)	-
Mechanical data		
Installation size	M12	open end
Connector type	flange	-
Configuration	straight	-
Contact type	male	-
Number of positions (face)	5-pin	5-wire
Coding	A-coded	-
Mating cycles	≥ 100 (according to IEC 60512-9a)	-

Way of locking	screw	-
Weight per piece	0.023 kg (0.0507 lb)	-
Body color	black	-
Body material	TPU, UL 94 HB	-
Coupling nut material	GD-Zn, Ni	-
Seal	FPM	-
Contact carrier color	red	-
Contact carrier material	PA, UL 94 V-0	-
Contact material	CuZn, Ni b/Au 0.2 gal.	-
<b>Environmental data</b>		
Special features	halogen-free, flame-resistant as per IEC 60332-1-2, oil-resistant as per DIN EN 60811-2-1	-
RoHS compliant	yes	-
Ambient temperature (operation)	-30...+85 °C, -22...+185 °F	-
Protection rating	IP65/67 in screwed condition (according to IEC 60529)	-
Pollution level	3/2 (according to IEC 60664-1)	-

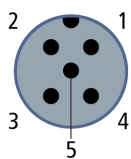
## Cable

<b>Electrical data</b>		
Rated voltage	60 V (according to IEC 61076-2-104)	
Insulation resistance	$\geq 1 \text{ G}\Omega \cdot \text{km}$	
Wire resistance (signal/24V)	$\leq 58.0 \text{ }\Omega/\text{km}$ (20 °C)	
Test voltage	$\geq 3000 \text{ V}$	
<b>Mechanical data</b>		
Conductor construction (signal/24V)	42 x 0.10 mm	
Cross-section (signal)	5 x 0.34 mm <sup>2</sup> (AWG22)	
Outer cable diameter	5.1 mm $\pm$ 0.15 mm (0.200787" $\pm$ 0.0059")	
Min. bending radius, moved	10 x outer cable diameter	
Min. bending radius, fixed installation	5 x outer cable diameter	
Weight	37 kg/km (24.86 lb/1000 ft)	
Shielding	no	
Use	drag-chain suitable	
Max. acceleration	10 m/s <sup>2</sup>	
Max. speed	3 m/s	
Max. travel distance	10 m	

Max. number of cycles	4 million
Wall thickness of wire insulation (signal/24V)	≥ 0.21 mm
Jacket color	black
Material jacket	PUR (polyurethane)
Wire color code	brown, white, blue, black, gray
Printing color	white
<b>Environmental data</b>	
Operation temperature range, moved	-25...+80 °C, -13...+176 °F
Operation temperature range, fixed installation	-40...+80 °C, -40...+176 °F
Flame-retardant	according to DIN EN 60332-2-2
Halogen-free	DIN VDE 0472 part 815
CE	yes
UL	yes, UL E-file number: E242293

**Contact assembly**

1	braun/brown
2	weiß/white
3	blau/blue
4	schwarz/black
5	grau/grey

**Dimensions**

A2

M12 inner diameter, M16 outer diameter

**Notes**

- Depending on the cable length (L), the following length tolerances apply:  
0 m...<0.2 m: ± 10 mm | 0.2...4.0 m: + 40 mm | ≥ 4.0 m: + 1 %
- Illustrations similar
- Further cable length on request.

Ordering information	Length
ZK2000-5700-0005	0.50 m
ZK2000-5700-0010	1.00 m

Accessories	
ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0002	torque cable key, M12/wrench size 13, for ZB8801-0000



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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