

ZK2000-8182-0000 | Sensor adapter, flange

M12, plug, straight, male, 8-pin, A-coded – M12, socket, straight, female, 8-pin, A-coded



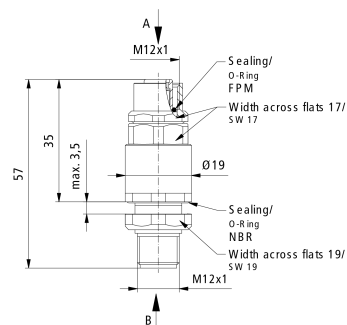
Plugs

Electrical data	Head A	Head B
Rated voltage	30 V (according to IEC 61076-2-101)	30 V (according to IEC 61076-2-101)
Rated current	2 A at 40°C (according to IEC 61076-2-101)	2 A at 40°C (according to IEC 61076-2-101)
Shielding	yes	yes
Insulation resistance	≥ 100 MΩ (according to IEC 60512)	≥ 100 MΩ (according to IEC 60512)
Mechanical data		
Installation size	M12	M12
Connector type	plug	socket
Configuration	straight	straight
Contact type	male	female
Number of positions (face)	8-pin	8-pin
Coding	A-coded	A-coded
Recommended torque, nut	0.6 Nm	0.6 Nm
Mating cycles	≥ 100 (according to IEC 60512-9a)	≥ 100 (according to IEC 60512-9a)

Way of locking	screw	screw
Weight per piece	0.046 kg (0.1014 lb)	0.046 kg (0.1014 lb)
Body color	metal	metal
Body material	GD-Zn, Ni	-
Coupling nut material	GD-Zn, Ni	GD-Zn, Ni
Seal	elastomers	elastomers
O-ring	NBR	NBR
Contact carrier color	black	black
Contact carrier material	PA, UL 94	PA, UL 94
Contact plating	Ni, Au gal.	Ni, Au gal.
Contact material	CuZn	CuZn
Environmental data		
RoHS compliant	yes	yes
Ambient temperature (operation)	-30...+85°C, -22...+185°F	-30...+85°C, -22...+185°F
Protection rating	IP65/67 in screwed condition (according to IEC 60529)	IP65/67 in screwed condition (according to IEC 60529)
Pollution level	3/2 (according to IEC 60664-1)	3/2 (according to IEC 60664-1)

Contact assembly

1	Weiß/white	⌋
2	Braun/brown	⌋
3	Grün/green	⌋
4	Gelb/yellow	⌋
5	Grau/grey	⌋
6	Rosa/pink	⌋
7	Blau/blue	⌋
8	Rot/red	⌋

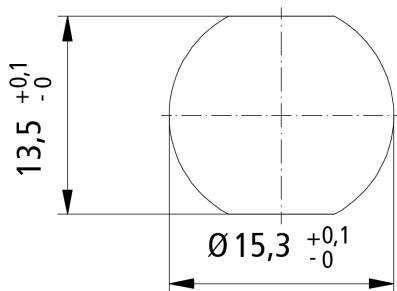
Dimensions

Notes

- Illustrations similar

Installation dimensions

Montageausschnitt / Panel cut out



Ordering information

Length

ZK2000-8182-0000

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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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