



## ZK2000-8182-0000 | Sensor adapter, flange

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

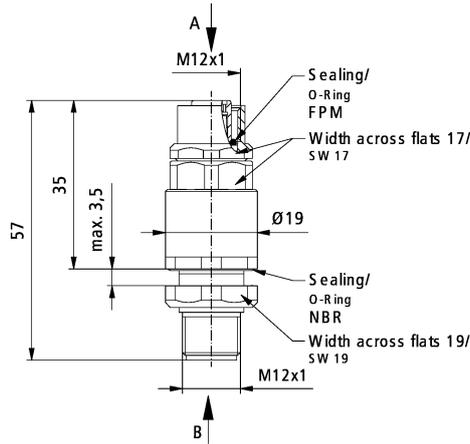
### Plugs

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 colour	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 colour	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 class	IP 65/67 in screwed condition (according to IEC 60529)	IP 65/67 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

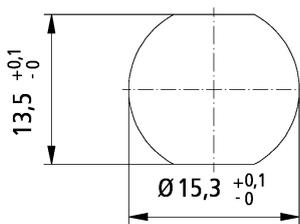


## Notes

- Illustrations similar

## Installation dimensions

Montageausschnitt / Panel cut out



## Ordering information

ZK2000-8182-0000

## Length

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