ZK2000-2122-0000 | Sensor adapter, flange
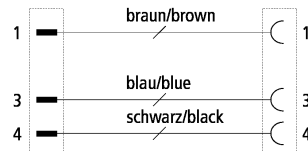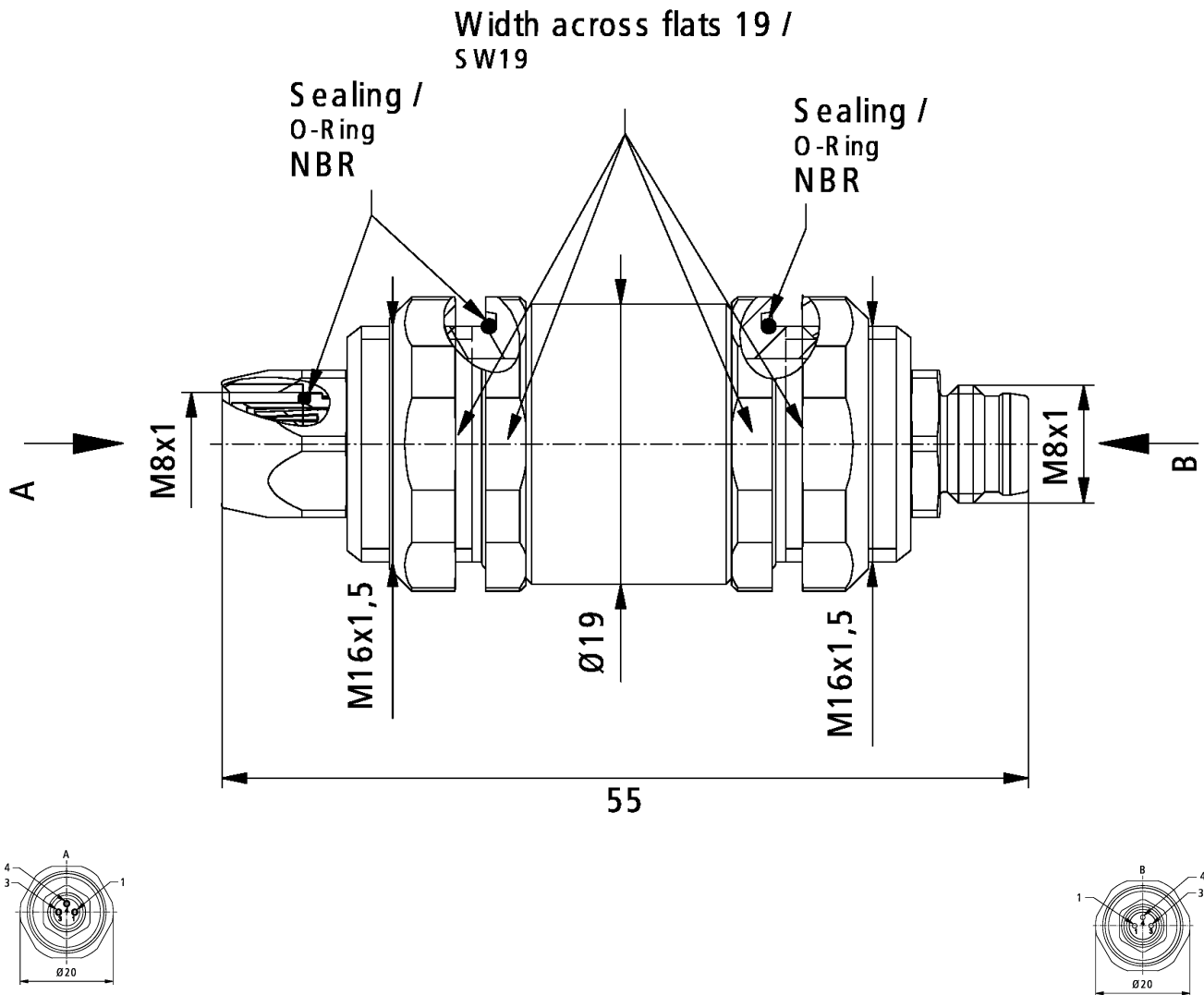
M8, plug, straight, male, 3-pin, A-coded – M8, socket, straight, female, 3-pin, A-coded

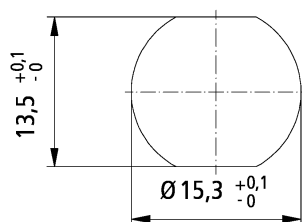| Electrical data	Head A	Head B
Rated voltage	60 V (according to IEC 61076-2-104)	60 V (according to IEC 61076-2-104)
Rated current	3 A at 40 °C (according to IEC 61076-2-104)	3 A at 40 °C (according to IEC 61076-2-104)
Rated current (signal/24V)	4 A at 40 °C (acc.to IEC 61076-2-104)	4 A at 40 °C (acc.to IEC 61076-2-104)
Shielding	no	no
Insulation resistance	≥ 10 GΩ (according to IEC 60512-2)	≥ 10 GΩ (according to IEC 60512-2)
Mechanical data		
Installation size	M8	M8
Connector type	plug	socket
Configuration	straight	straight
Contact type	male	female
Number of positions (face)	3-pin	3-pin
Coding	A-coded	A-coded
Wire termination	crimp connection	crimp connection
Recommended torque, nut	0.4 Nm	0.4 Nm
Mating cycles	≥ 100 (according to IEC 60512-9a)	≥ 100 (according to IEC 60512-9a)
Way of locking	screw	screw
Weight per piece	0.028 kg (0.0617 lb)	0.028 kg (0.0617 lb)
Coupling nut material	CuZn, Ni	CuZn, Ni
Seal	FPM	FPM
Contact carrier material	TPU GF, UL 94	TPU GF, UL 94
Contact plating	Ni, Au gal.	Ni, Au gal.
Contact material	CuZn	CuZn
Environmental data		
Special features	halogen-free, flame-resistant as per IEC 60332-1-2, oil-resistant as per DIN EN 60811-2-1	halogen-free, flame-resistant as per IEC 60332-1-2, oil-resistant as per DIN EN 60811-2-1
RoHS compliant	yes	yes
Ambient temperature (operation)	-30...+80 °C, -22...+176 °F	-30...+80 °C, -22...+176 °F
Protection class	IP 67 in screwed condition (according to IEC 60529)	IP 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	▬	braun/brown	◡	1
3	▬	blau/blue	◡	3
4	▬	schwarz/black	◡	4

Dimensions

Width across flats 19 / SW19

Sealing / O-Ring NBR

Sealing / O-Ring NBR

A

B

M8x1

M8x1

M16x1,5

Ø19

M16x1,5

55

Ø20

Ø20

Notes

- Illustrations similar

Installation dimensions

Montageausschnitt / Panel cut out

13,5 $^{+0,1}_{-0}$

Ø 15,3 $^{+0,1}_{-0}$

Ordering information	
ZK2000-2122-0000	Sensor adapter, flange, M8, plug, straight, male, 3-pin – M8, socket, straight, female, 3-pin