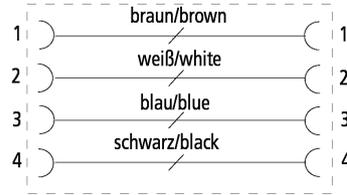


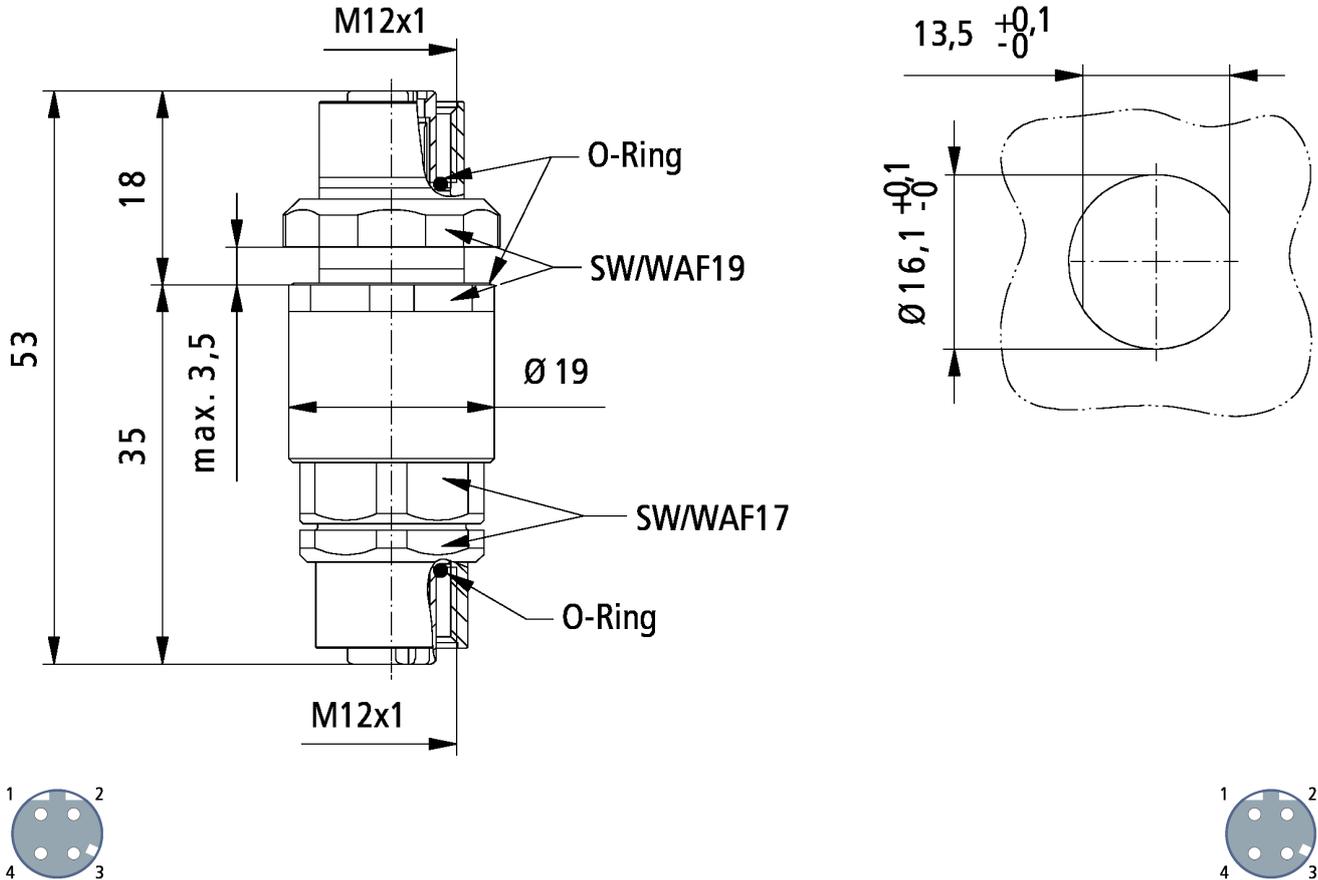
## ZK1090-6666-0000 | EtherCAT adapter, flange

M12, flange, straight, female, 4-pin, D-coded – M12, flange, straight, female, 4-pin, D-coded

Electrical data	Head A	Head B
Rated voltage	48 V (according to IEC 61076-2-101)	48 V (according to IEC 61076-2-101)
Rated current	4 A at 40 °C (according to IEC 61076-2-101)	4 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	flange	flange
Configuration	straight	straight
Contact type	female	female
Number of positions (face)	4-pin	4-pin
Coding	D-coded	D-coded
Recommended torque, nut	1...1.2 Nm	1...1.2 Nm
Mating cycles	≥ 100 (according to IEC 60512-9a)	≥ 100 (according to IEC 60512-9a)
Way of locking	screw	screw
Body colour	metal	metal
Body material	CuZn, Ni	CuZn, Ni
Coupling nut material	CuZn, Ni	CuZn, Ni
Seal	NBR, FPM	NBR, FPM
Contact carrier colour	green	green
Contact carrier material	PBT GF, UL 94	PBT 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)



Dimensions



Notes

- Illustrations similar

Ordering information

ZK1090-6666-0000

M12, flange, straight, female, 4-pin, D coded – M12, flange, straight, female, 4-pin, D-coded

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