



# ZK1090-6292-0000 | Adapter Industrial Ethernet / EtherCAT

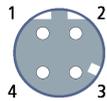
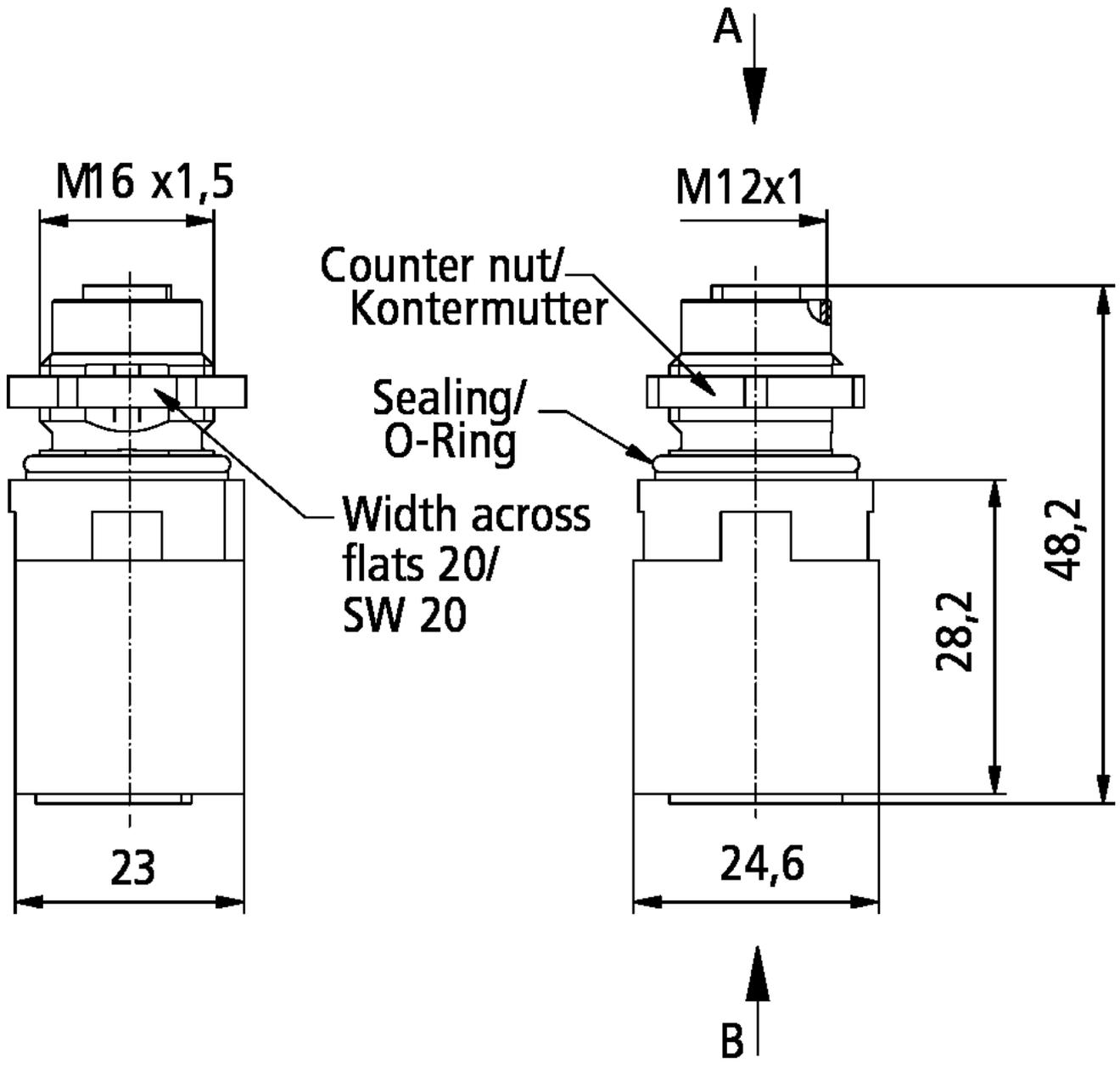
M12, flange, straight, female, 4-pin, D-coded – RJ45, socket, straight, female, 8-pin

## Plugs

Electrical data	Head A	Head B
Rated voltage	160 V (according to IEC 61076-2-101)	160 V
Rated current	4 A at 40 °C (according to IEC 61076-2-101)	1 A at 50 °C
Shielding	yes	yes
Insulation resistance	≥ 100 MΩ (according to IEC 60512)	≥ 10 GΩ (according to IEC 60512-2)
Mechanical data		
Installation size	M12	RJ45
Connector type	flange	socket
Configuration	straight	straight
Contact type	female	female
Number of positions (face)	4-pin	8-pin
Coding	D-coded	-
Recommended torque, nut	1...1.2 Nm	-
Mating cycles	≥ 100 (according to IEC 60512-9a)	≥ 750
Way of locking	screw	-
Body colour	black	black
Body material	CuZn, Ni	PUR
Coupling nut material	CuZn, Ni	-
Seal	FPM	-
Contact carrier colour	green	-
Contact carrier material	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	-
UV resistance	-	according to IEC 60068-2-5
RoHS compliant	yes	yes

Oil resistance	-	according to IEC 60811-2-1 respectively according to DIN VDE 0282 part 10
Ambient temperature (operation)	-30...+70 °C, -22...+158 °F	-40...+85 °C, -40...+185 °F
Protection class	IP 65/67 in screwed condition (according to IEC 60529)	IP 20
Pollution level	3/2 (according to IEC 60664-1)	-

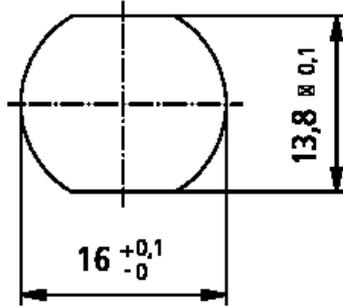
**Dimensions**



**Notes**

- Illustrations similar

Installation hole/  
Einbauffnung:



Ordering information

Length

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