

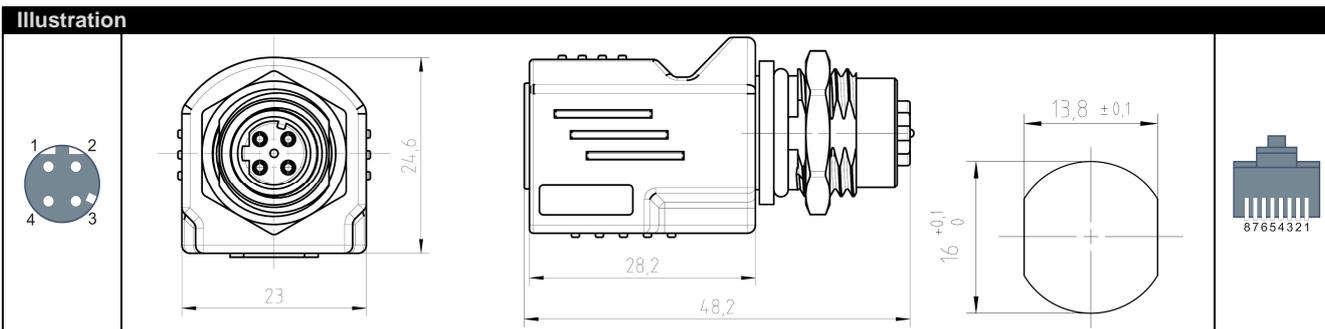
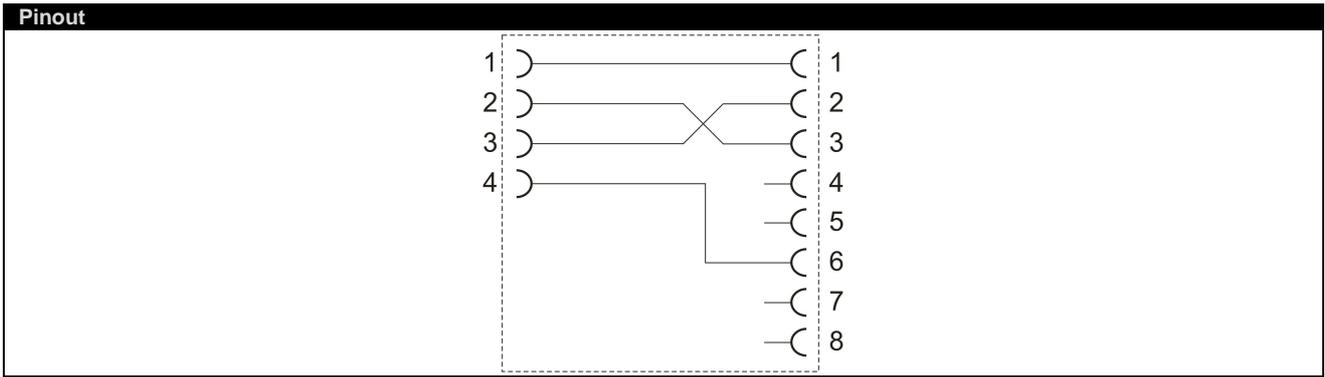


**EtherCAT-Cable | ZK1090-6292-0000**

M12 socket, female, straight, d-coded, 4-pin – RJ45, socket, straight

**Connector**

<b>Electrical data</b>	<b>Head 1</b>	<b>Head 2</b>
Rated voltage	4-pole, 60V	8-pole, 60V
Rated current	1A at 50°C	1A at 50°C
Shield	yes	yes
Insulation resistance	≥=100MΩ	≥=100MΩ
<b>Mechanical data</b>	<b>Head 1</b>	<b>Head 2</b>
Installation size (M12, M8,...)	M12	RJ45
Connector type (plug, socket)	plug	socket
Configuration (straight, angled, open end)	straight	straight
Contact type (male, female)	female	-
Number of positions (face)	4	8
Coding	d	-
Wire termination	crimp	crimp
Recommended torque, nut	0.6Nm	-
Mating cycles	≤100	≤100
Body color	black	black
Body material	PA66	PA66
Coupling nut material	CuZn, Ni	CuZn, Ni
Sealing material	FPM	FPM
Contact carrier color	black	black
Contact material	CuZn	CuZn
Contact plating	Ni, Au gal.	Ni, Au gal.
<b>Environmental data</b>		
Other characteristics	RoHS-compliant, halogen-free	
Operation temperature range in °C (°F)	-25°C up to 80°C (-13°F up to 176°F)	
UV resistance	yes	
Protection level	M12, IP65 in screwed condition / RJ45, IP20	
Degree of pollution	3/2 (according to IEC 60664-1)	
Approvals	UL	



<b>Ordering information</b>	
ZK1090-6292-0000	