



Identification	Type	RJ45-M 8pol. Cat.6A T568A
	Part-No.	490175
Description		
Industrial connector RJ45 solid metal housing, quick-connect technology AWG 27–22		
Technical data		
Rated voltage U_N	30 V	
Rated current	≤ 1 A per contact	
Pole number	8	
Transfer rate	10 Gbit/s	
Category	Cat.6A	
Shielding	shielded	
General		
Form male 1	RJ45 straight shielded	
Degree of pollution	1	
Insulation resistance	> 500 M Ω	
Contact resistance	< 20 m Ω	
Flamability according to UL 94	V0	
Protection class	IP20	

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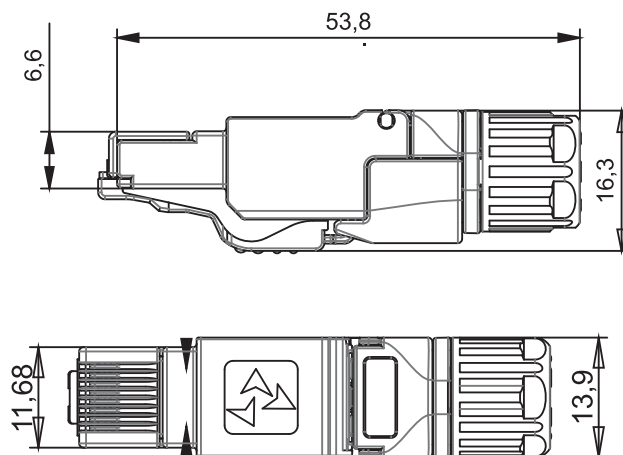
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Technical data sheet • Actuator sensor interface

Housing material	Zinc die-casting
Color of the housing	silver
Color	silver
Cover	PBT black
Contact material	Spring steel gold-plated
Strand diameter	1 – 1.6 mm
Cable diameter	5.5 – 10 mm
Operation temperature range	-40 °C ... +85 °C
Storage temperature range	-40 °C ... +85 °C
Dimensions (w × h × d)	13.9 × 16.3 × 53.8 mm
Mechanical service life	>750 insertion cycles
Cross-section AWG	AWG 24/1-22/1, AWG 27/7-22/7, AWG 24/19-22/19
Weight	0.025 kg/piece
Connection device	Data 8 × RJ45
Approvals	cULus (E326112)
Standards	IEC 60603-7-51
PU	1 piece

Comments	Suitable for Profinet, SERCOS3, Ethercat, Ethernet/IP, Powerlink, VARAN, Power over Ethernet+ (PoE+IEEE 802.3at) Suitable cables, see overview assignment Ethernet cables to connectors
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Dimensions



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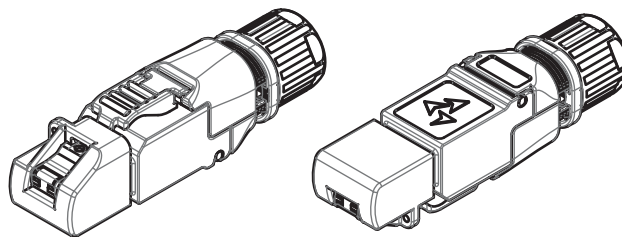
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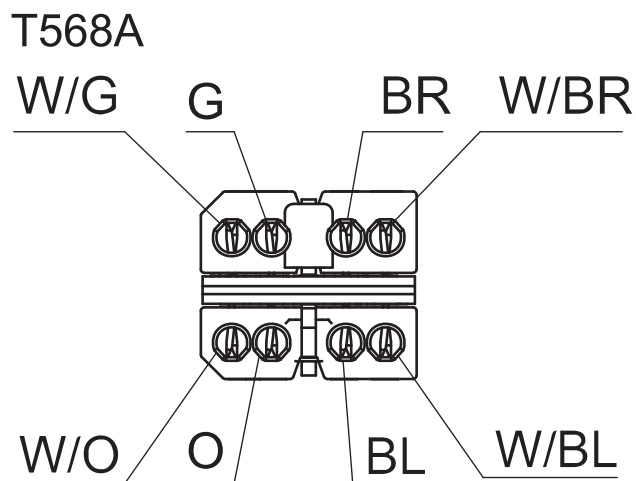
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Mounting diagram



Connection assignment



Symbols



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