

Product description	M12-T female panel mount connector, Contacts: 4, shielding is not possible, screw clamp, IP68, UL, VDE
Area	M12-T series 813
Order number	99 0634 500 04

Illustration	Scale drawing	Contact arrangement (Plug-in side)

You can find the assembly instructions on the next page.

Technical data			
General values		Electrical values	
Connector design	female panel mount connector	Rated current (40 °C)	12 A
Connector locking system	screw	Rated voltage	63 V
Termination	screw clamp	Rated impulse voltage	1500 V
Wire gauge (mm)	max. 1.50 mm ²	Pollution degree	3
Wire gauge (AWG)	max. 16	Overvoltage category	III
Upper limit temperature	85 °C	Insulating material group	II
Lower limit temperature	- 40 °C	EMC compliance	shielding is not possible
Customs tariff number	85369010	Degree of protection	IP68
Packaging Unit	100	Mechanical operation	> 100 Mating cycles
Cable data		Material	
Approval 1	UL	Contact material	CuSn (bronze)
Approval 2	VDE	Contact plating	Au (gold)
		Contact body material	PA
		Housing material	Zinc die-cast nickel-plated
		REACH SVHC	CAS 7439-92-1 (Lead)

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Assembly instructions / Panel cut-out

Litzenquerschnitt
max. 1,5 mm² 4-polig

Kontakteinsatz
4 x 90° verdrehbar

Anzugsdrehmoment
SW 19 Mutter = 5 Nm M18 x 0,75
M20 x 1,5 = 5 Nm

Assembly instructions / Panel cut-out

With flats as anti-rotation device

With bore hole

Installation direction: o-ring sits on chamfer.

Thread	Measures			Tightening torque	
	B (mm)	C (mm)	D (mm)	Metal housing/ Positioning sleeve	Plastic housing/ Positioning sleeve
M16 x 1,5	17,0	16,1	13,5	1,25 Nm	1,25 Nm
M20 x 1,5	21,0	20,1	–	2 Nm	1,25 Nm

Thickness of wall Y (mm)		
Version	min (mm)	max (mm)
Fastened from back side	2	3,5
Front fastened	2	4,5
Screw clamp	2	3,5

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Security notices

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.