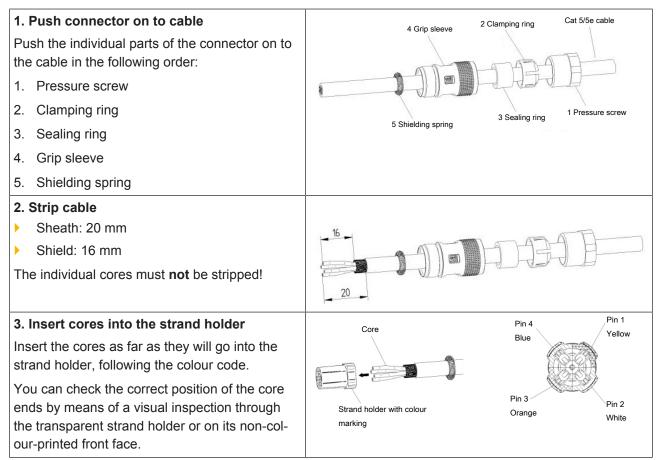
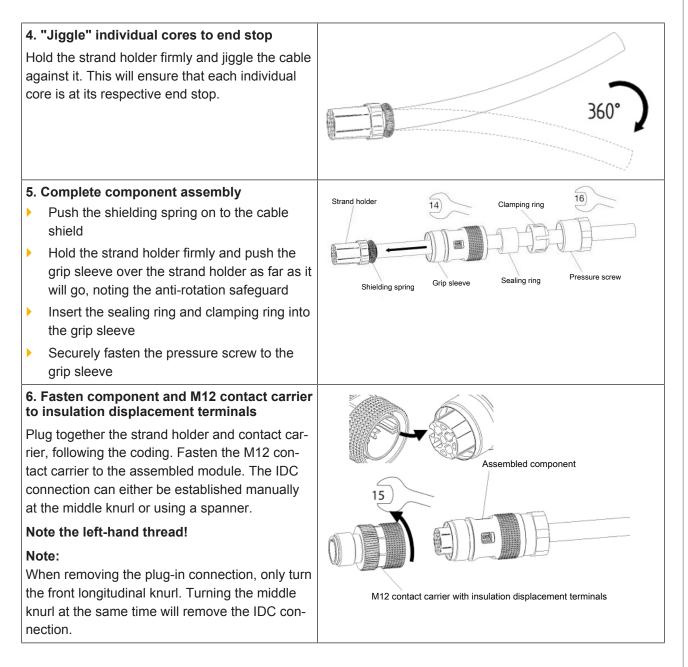
Connector pin assignment



Installation

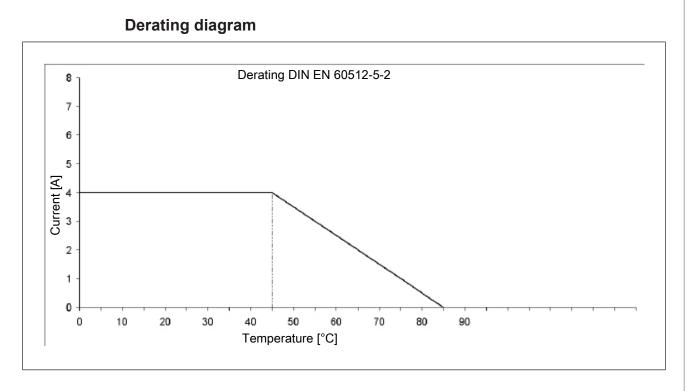




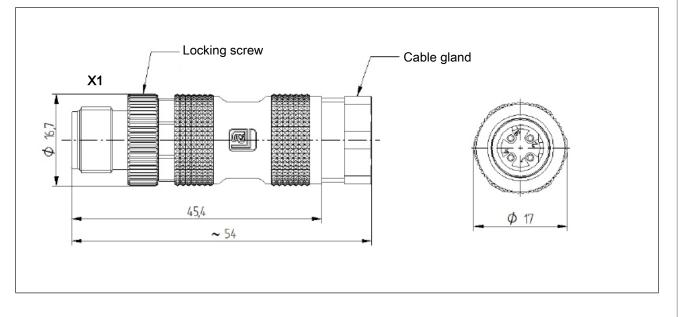
Contact assignment

Core colour coding by user organisation

PIN	Assignment	Colour code strand holder	PNO- PROFINET	ODVA – Ether- Net/IP
PIN 1	TD+	Yellow	Yellow	White-orange
PIN 2	RD+	White	White	White-green
PIN 3	TD-	Orange	Orange	Orange
PIN 4	RD-	Blue	Blue	Green



Dimensions



Technical details

General			
Approvals	-		
Electrical data			
Rated voltage			
Voltage UB	250 V		
Kind	AC/DC		
Rated current	4 A		
Insulation resistance	1000 MOhm		
Volume resistance	10 mOhm		
Environmental data			
Ambient temperature			
Temperature range	-40 - 85 °C		
Airgap creepage			
In accordance with the standard	EN 60664-1		
Pollution degree	3		
Rated impulse withstand voltage	2,5 kV		
Protection type			
X1 when inserted	IP67		
Mechanical data			
Plug-in connector X1	M12, 4-pin male connector		
In accordance with the standard	EN 61076-2-101		
Form, plug-in connector X1	Straight		
Coding of plug-in connector X1	D-coded		
Category of plug-in connector X1	Cat5e		
Housing material X1	CuZn, zinc die casting nickel-plated		
Material of contact surface X1	Ni/Au		
Material of gasket	FKM		
Material of socket	CuSn		
Connection type connector	IDC terminal		
Mating cycles X1	100		
Colour of housing	Nickel-coloured		
Max. cable diameter K1	6 - 8 mm		
Cable screw connection	PG 9		
Min. conductor cross section AWG K1	22		
Max. conductor cross section AWG K1	24		
Approval of plug-in connector X1	UL94 V-2		
Torque of the interlock screw	50 … 60 Ncm, hand-tightened		
Weight	35 g		

Order reference

Product type	Features	Connector X1	Connector X2	Connector X3	Order no.
M12 con., straight, male, 4-pin, D	D-coded	M12, 4-pin male con- nector, straight			380 316