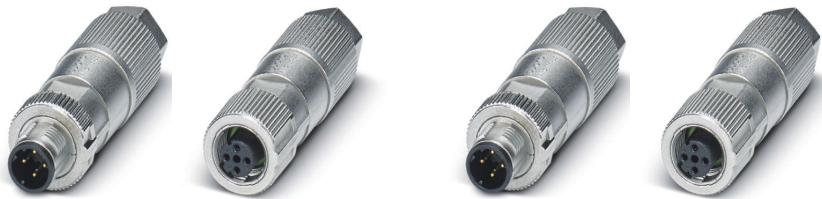


NETWORK COMPONENT - M12 CONNECTOR

M12 Connector, Used For Assembly



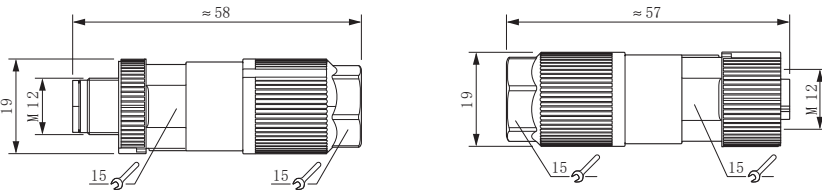
Technical parameters

Applied to	M12 circular connector, in compliance: Pollution level Enclosure protection grade Connection method	Ethernet/PROFINET IEC 61076-2-101 3 IP65/IP67 Quick wire-free connection	Ethernet/PROFINET IEC 61076-2-101 3 IP65/IP67 Screw connection
Electrical	Rated voltage Rated current Insulation resistance Transmission characteristics (Category)	250V AC/DC 4 A ≥100 MΩ CAT5	250V AC/DC 4 A ≥100 MΩ CAT5
Material	Pin insertion material Material of the pin insertion surface Core material Flame retardant grade, in compliance with UL94	CuSn Ni/Au PA V0	CuSn Ni/Au PA V0
Temperature	Needle type/hole type [°C]	-40 ... 85	-40 ... 85

Order data

	Model	Order Number	Model	Order Number
Plug-in connector, 4-core, shielded, D-coded, color-coded terminal Cable diameter: 5mm... 10mm Needle-shaped, straight head Hole type, straight head	SD4E5 SD4G5	2222341125 2222342125	SD4A5 SD4C5	2222341115 2222342115
Plug-in connector, 4-core, shielded, D-coded, for Ethernet and The color-coded terminal of PROFINET has a maximum cable diameter of 8mm Needle type, elbow Hole type, elbow				
Plug-in connector, 8 cores, shielded, A-coded, color for Ethernet Encoding terminal, maximum cable diameter: 8mm Needle-shaped, straight head Needle type, elbow Hole type, straight head Hole type, elbow				

Product dimension drawing

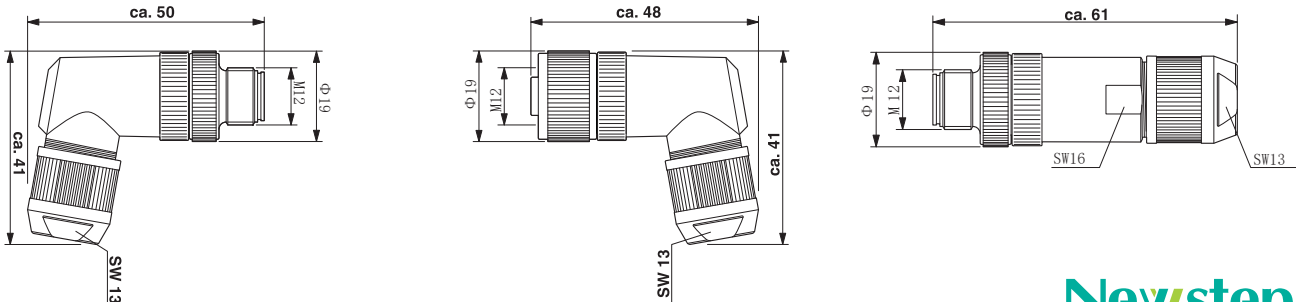


NETWORK COMPONENT - M12 CONNECTOR

M12 Connector, Used For Assembly

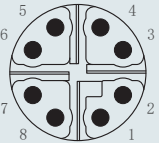
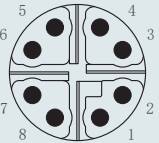
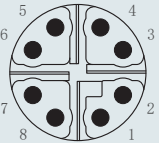
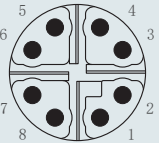
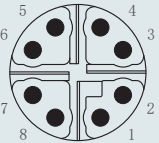
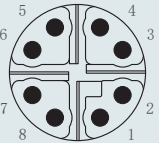
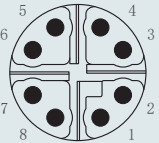
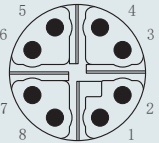
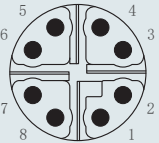
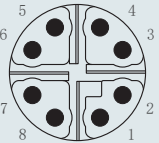
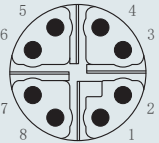
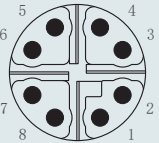
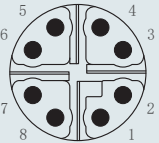
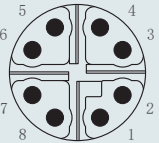


Ethernet/PROFINET IEC 61076-2-101 3 IP65/IP67 Screw connection		D"Coding IEC 61076-2-101 3 IP67 Quick wire-free connection		A"Coding IEC 61076-2-101 3 IP67 Quick wire-free connection	
250V AC/DC 4 A ≥100 MΩ CAT5		60V DC 1.75 A ≥100 MΩ CAT5		30V 2 A ≥100 MΩ CAT5	
CuSn Ni/Au PA V0 -40 ... 85		CuSn Ni/Au PA66 V0 -40 ... 85		CuSn Ni/Au PA66 V0 -40 ... 85	
ModelOrder Number		ModelOrder Number		ModelOrder Number	
SD4B42222341214 SD4D42222342214		SD4F42222341224 SD4H42222342224			
				SA8E42222181124 SA8F42222181224 SA8G42222182124 SA8H42222182224	

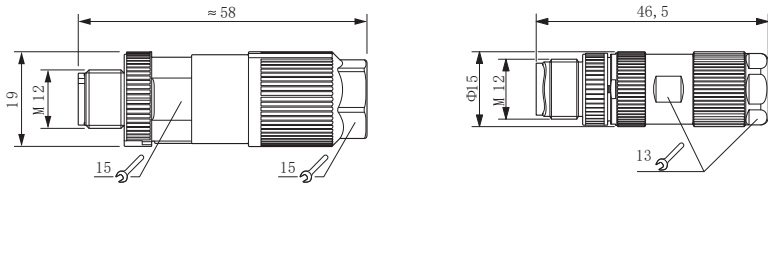


NETWORK COMPONENT - M12 CONNECTOR

M12 Connector, Used For Assembly

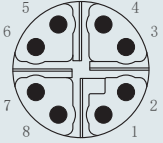
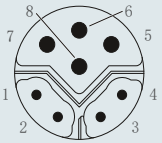
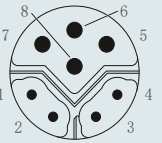
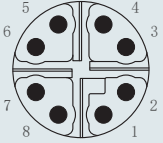
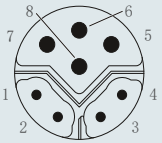
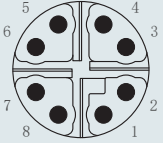
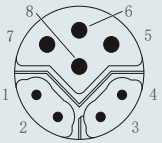
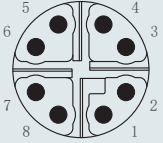
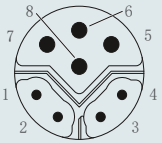
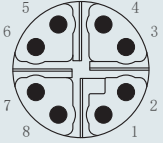
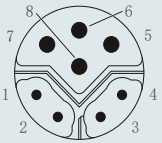
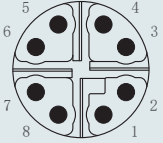
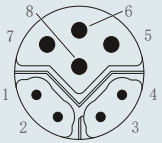
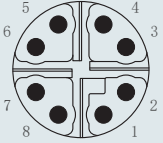
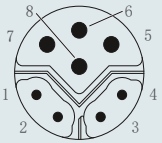
Ethernet PROFI NET Sercos the automation bus			CAT6A 10 Gigabit/s 			CAT6A 10 Gigabit/s 		
Technical parameters								
Applied to	in compliance:	Ethernet/PROFINET						
	Pollution level	IEC 61076-2-109						
Electrical	Enclosure protection grade	3						
	Connection method	IP65/IP67						
Material	Rated voltage	Quick wire-free connection						
	Rated current	Ethernet						
Temperature	Insulation resistance	IEC 61076-2-109						
	Transmission characteristics (Category)	2						
Order data	Material	IP65/IP67						
	Flame retardant grade, in compliance with UL94	Piercecon*						
Order data	Needle type/hole type [°C]							
		-40 ... 85						
Order data			Model			Order Number		
Connector, CAT6A, shielding, X-coded, color-coded terminal								
Cable diameter: 5mm ... 10mm								
Needle-shaped, straight head			SX8E5			2222481125		
Cable connector, CAT6A, shielding, X-coded, color-coded Litz wire								
Cable diameter: 5mm ... 10mm								
Needle-shaped, straight head								
Needle type, elbow			SX8I4			2222481134		
Cable connectors, CAT5, shielded, Y-coded, color-coded terminals,								
Cable diameter: 4mm ... 8mm								
Needle-shaped, straight head								
Needle type, elbow								

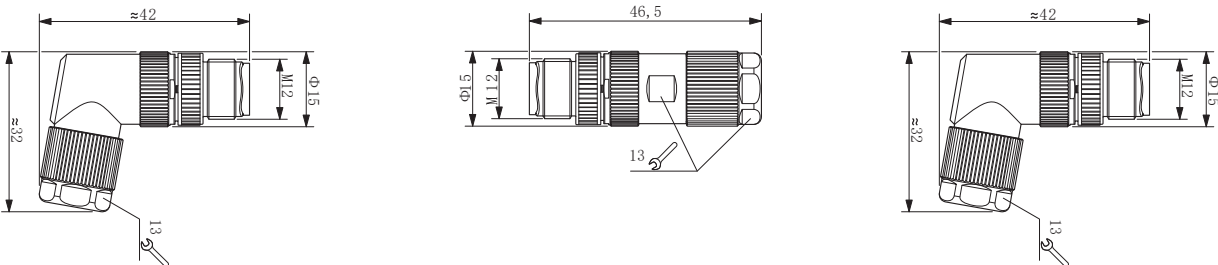
Product dimension drawing



NETWORK COMPONENT - M12 CONNECTOR

M12 Connector, Used For Assembly

CAT6A 10 Gigabit/s 			CAT6A 10 Gigabit/s 			CAT6A 10 Gigabit/s 		
								
Ethernet	IEC 61076-2-109	Ethernet						
	2	IEC 61076-2-109						
Electrical	IP65/IP67	2						
	Piercecon*	IP65/IP67						
Material	Rated voltage	Quick wire-free connection						
	Rated current	Ethernet						
Temperature	Insulation resistance	IEC 61076-2-109						
	Transmission characteristics (Category)	2						
Order data	Material	IP65/IP67						
	Flame retardant grade, in compliance with UL94	Piercecon*						
Order data	Needle type/hole type [°C]							
		-40 ... 85						
Order data			Model			Order Number		
Connector, CAT6A, shielding, X-coded, color-coded terminal								
Cable diameter: 5mm ... 10mm								
Needle-shaped, straight head								
Cable connector, CAT6A, shielding, X-coded, color-coded Litz wire								
Cable diameter: 5mm ... 10mm								
Needle-shaped, straight head								
Needle type, elbow								
Cable connectors, CAT5, shielded, Y-coded, color-coded terminals,								
Cable diameter: 4mm ... 8mm								
Needle-shaped, straight head								
Needle type, elbow								



NETWORK COMPONENT - M12 CONNECTOR

M12 through-plate plug-in connector with 0.5m Litz wire



Installation in front of the board, D code



Installation in front of the board, D code

Technical parameters

Applied to	Connection method	SD401 Single line	D403 Single line
Electrical	Rated voltage Rated current Number of insertions/removals Transmission characteristics (category)	250V 4 A >100 CAT5 (IEC 11801:2002)	250V 4 A ≥ 100 CAT5 (IEC 11801:2002)
Material	Pin insertion material Material of the fixture body Flame retardant grade, in compliance with UL94	CuZn - V0	CuZn - V0
Temperature	Needle type/hole type [°C]	-25 -40 ... 85 85	-25 -40 ... 85 85

Order data

	Model	Order Number	Model	Order Number
Bus system through-plate socket, PROFINET, 4-core, M12 D-type coding, front board /M16 thread installation, with 0.5T MPE stranded wire 4×0.34mm ² Hole type	SD401	2222342141		
Bus system through-plate socket, PROFINET, 4-core, M12 D-type coding, front board /M16 thread installation, positioning, with 0.5T MPE stranded wire 4×0.34mm ² Hole type	SD402	2222342142		
Bus system through-plate socket, PROFINET, 4-core, M12 D-type coding, Pg9 thread installation at the back of the board, with 0.5mTPE stranded wire, 4×0.34mm ² Hole type			SD403	2222342143

Product dimension drawing

