

order number: J80029A0500

STX M12x1 CS X-coded Cat.6_A, CS8X180-3-5IDC533FA000

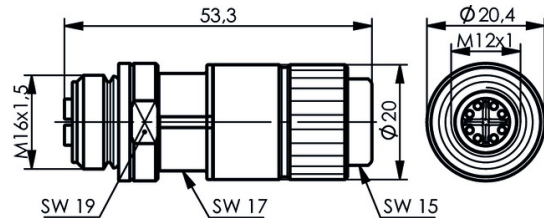


Fig. may differ

Technical Attributes	
Description	STX M12x1 CS X-coded Cat.6 _A
Short name	CS8X180-3-5IDC533FA000
Type	8 pole, X-coded, straight, plug set, 360° shielding, IDC, plug length: 53,3 mm, field assembly

Mechanical Characteristics	
Insertion force	≤ 30 N
Durability (Matings)	≥ 100
Core Diameter	0,9 - 1,6 mm
Cu-Conductor diameter: stranded	0.46 - 0.76 mm (AWG27 - 22/7)
Cu-Conductor diameter: solid	0.51 - 0.64 mm (AWG24 - 22/1)
Material: housing	zinc diecast nickel plated / brass nickel plated
Material: wire pair presorting	PA UL94 V0
Material: shield	German silver
Material: pressure screw	brass nickel-plated
Material: contacts	brass
Material: contact finish	Au over Ni

Electrical Characteristics	
Contact resistance	≤ 10 MΩ
Insulation resistance	≥ 100 MΩ
Voltage proof: contact-contact	≥ 500 V, DC
Voltage proof: contact-shield	≥ 500 V, DC
PoE+ acc to IEEE 802.3at	Adequate for Power over Ethernet+

Standards	
Connectors	IEC 61076-2-109

Shock	50 g
Protection against particulate ingress	IP6X
Protection against water / immersion	IPX7
Ambient temperature	-40° C to +85° C

10 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 10 Gigabit Ethernet
Category 6 _A	ISO/IEC 11801; DIN EN 50173-1
Class E _A	ISO/IEC 11801; DIN EN 50173-1
Category 6A	ANSI/TIA/EIA-568-C.2