




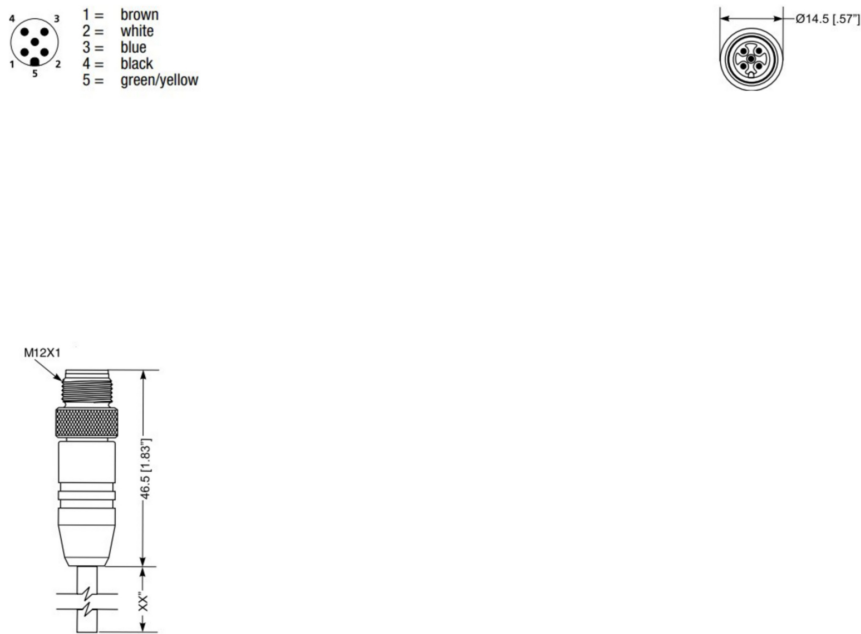
Product: [RST 5-794](#) 

M12 - Male 0° to Open | #Contacts: 5 | 30 V | Cable TPE YE, 18 AWG, IEC | cURus

Product Description

RST 5-794 - M12 - Male 0° to Open | #Contacts: 5 | 30 V | Cable TPE YE, 18 AWG, IEC | cURus

Technical Drawing



Technical Specifications

Technical Data

Brand:	Belden
Connector Design:	Straight (0°) Body
Number of Pins:	5
Coding, Side 1:	A
Rated Impulse Voltage:	2.5 kV
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100

Ambient Temperature (Operation)*:	-40° C - +90° C
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	II acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	Copper-Tin (CuSn)
Side 1 Contact Plating:	Copper over Gold (Cu/Au)
Contact Bearer Material:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color:	Yellow
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	Thermoplastic Polyurethane (TPU)
Molded Body Color:	Yellow
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Brass (Cu/Zn)
Attachment Plating:	Nickel-plated (Ni)
O-Ring Material:	FKM, green

Additional Technical Data

Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
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Cable Data

Cable Number:	794
Conductor Size:	18 AWG
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 5 M
Conductor Material:	Cu
Cable Jacket Material:	Thermoplastic Elastomer (TPE)
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 7.70 mm [0.304"]
Insulated Wire Diameter:	Ø 2.03 mm [0.080"]
Ambient Temperature (Fixed Installation):	- 35° C - + 105° C
Ambient Temperature (Flex Installation):	+ 5° C - + 105° C
Flammability Class (Cable Jacket):	CSA FT-4
Cable Characteristics:	Oil Resistant, C-Track rated

Approvals

UL-File:	E104696
UL:	UL 2238; cURus

Safety & Environmental Compliance

RoHS Compliant:	Yes
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History

Update and Revision:	Revision Number: 0.33 Revision Date: 12-07-2025
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Variants

Item #	Item Description
600005651	RST 5-794/10M
600005652	RST 5-794/2M
600005653	RST 5-794/5M
600006531	RST 5-794/15M

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