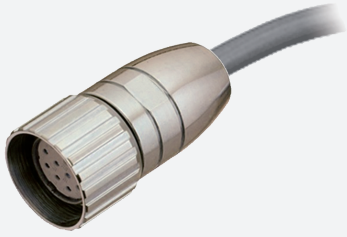


Female cordset

9416-20M-12P-RXI58/90

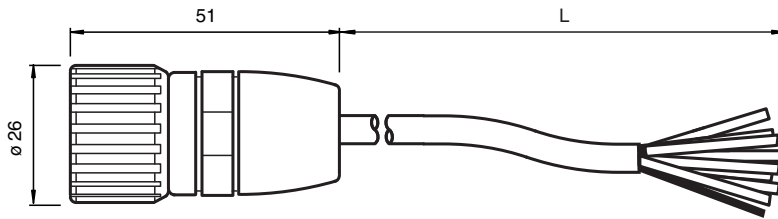


- Shielded twisted pair
- Shield attached to connector housing
- Immunity to vibration, with mechanical latching

Female cordset single-ended M23 straight N-coded 12-pin, PVC cable 11-core grey, twisted pairs, overall shield



Dimensions



Technical Data

General specifications		
Connector 1		
Connection		socket
Construction type		M23
Style		straight
Locking		screw connection
Number of pins		12
Coding		N-coded
Customization		Coding right-rotating
Connector 2		
Connection		cable end
Electrical specifications		
Operating voltage	U_B	max. 30 V DC
Test voltage		500 V AC
Operating current	I_B	max. 3 A
Volume resistance		< 5 m Ω

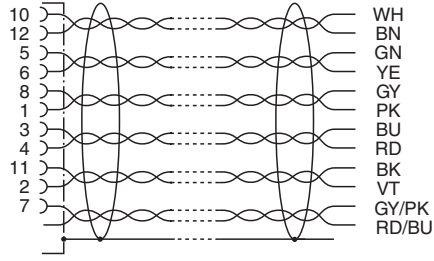
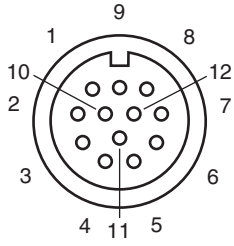
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Technical Data

Insulation resistance		min. 100 MΩ
Conformity		
Degree of protection		EN 60529
Flammability		IEC 60332-1-2
Ambient conditions		
Ambient temperature		
Cable, fixed installation		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Loosening protection		integrated
Tool installation		straight knurling
Mating cycles		min. 50
Shielding		shield connected to connector
Degree of protection		IP67
Cable		
Sheath diameter		7.1 mm
Bending radius		> 15 x cable diameter, movable installation > 6 x cable diameter, fixed installation
Sheath color		grey (similar to RAL 7032)
Number of cores		12
Core cross section		0.14 mm ²
Cores color		Core 1: pink Core 2: violet Core 3: blue Core 4: red Core 5: green Core 6: yellow Core 7: grey/pink Core 8: grey Core 9: not connected Core 10: white Core 11: black Core 12: brown
Core construction		6 x 2 x 0.14 mm ² twisted pairs , overall shield
Shield		tinned copper braiding, 85 % coverage
Length	L	20 m
Cable code		Li Y CY 6 x 2 x 0,14
Mass		1402 g
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		Zinc diecast, nickel-plated
Seal		NBR
Contact surface		gold plated (Au)
Cable		
Sheathing		PVC
Cores		bare copper (Cu)
Core insulation		PVC
Flammability		flame retardant

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Connection Assignment



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