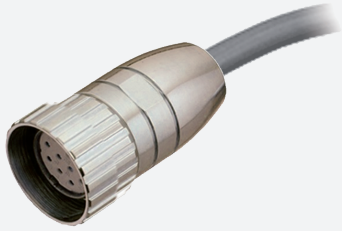


Cable socket, shielded

9424-01M-24P-FXS

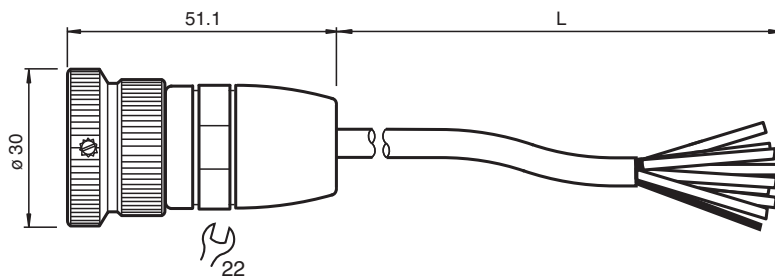


- Connector housing with locking screw
- Degree of protection IP68

Female cordset single-ended M23 straight A-coded, 19-pin, PVC cable twisted pairs grey, shielded



Dimensions



Technical Data

General specifications			
Connector 1			
Connection		socket	
Construction type		M23	
Style		straight	
Locking		screw connection	
Number of pins		19	
Coding		A-coded	
Connector 2			
Connection		cable end	
Customization		stripped 94 mm , wire end ferrule	
Electrical specifications			
Operating voltage	U_B	max. 32 V DC	
Operating current	I_B	max. 3 A	
Conformity			
Degree of protection		EN 60529	
Flammability		IEC 60332-1-2	

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Technical Data

Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Mating cycles		50
Shielding		shield not connected to connector
Degree of protection		IP68
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		8.9 mm
Bending radius		> 15 x cable diameter, moving > 6 x cable diameter, fixed
Sheath color		grey (similar to RAL 7032)
Number of cores		19
Core cross section		0.14 mm ²
Cores color		Core 1: green Core 2: yellow Core 3: grey Core 4: pink Core 5: blue Core 6: white Core 7: red Core 8: black Core 9: violet Core 10: grey/pink Core 11: red/blue Core 12: brown Core 13: white/green Core 14: brown/green Core 15: white/yellow Core 16: white/pink Core 17: pink/brown Core 18: white/blue Core 19: grey/brown
Core construction		12 x 2 x 0,14 mm ² twisted pairs
Shield		tinned copper braiding, 80 % coverage
Length	L	1 m
Cable code		LiYCY
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		CuZn
Seal		FPM
Contact surface		gold plated (Au)
Cable		
Sheathing		PVC
Core insulation		PVC

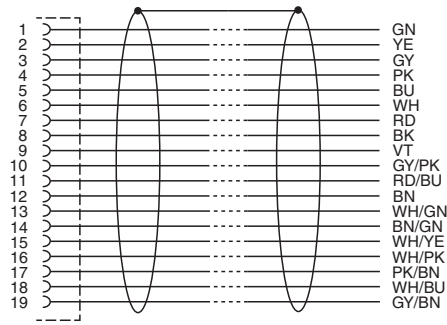
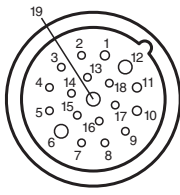
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PEPPERL+FUCHS

Connection



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