

Actuator sensor interface - USB-panel connector

USB 3.0 panel connector with M22 thread for front installation
 USB connector Type A on straight USB plug Type A with PVC cable
 Type: USB-3.0 A/A



Description	Part-No.	Type	PU
USB 3.0			
Cable length (m)	0.3	490113.0030	USB-3.0 A/A F/M 0,3M PVC
	0.6	490113.0060	USB-3.0 A/A 0,6M PVC
	0.8	490113.0080	USB-3.0 A/A 0,8M PVC
	1.5	490113.0150	USB-3.0 A/A 1,5M PVC
	2.0	490113.0200	USB-3.0 A/A 2,0M PVC
	3.0	490113.0300	USB-3.0 A/A 3,0M PVC
	5.0	490113.0500	USB-3.0 A/A 5,0M PVC

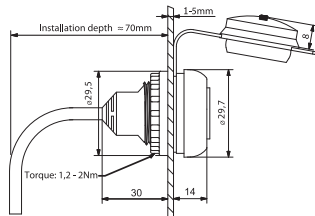
Technical data		USB 3.0						
Nominal voltage		AC/DC 5 V						
Nominal voltage range		max. 30 V						
Rated current		900 mA						
Number of terminations		9						
Cable length (m)	0.3	0.6	0.8	1.5	2.0	3.0	5.0	
Transfer rate	5 Gbit/s							
USB standard	3.0							
Contact type	1 : 1							
Shielding	yes							

General		USB-A						
Form	USB-A							
Test voltage	-							
Pollution degree	3							
Insulation resistance	>100 MΩ							
Contact resistance	<30 mΩ							
Class of flammability according to UL 94	-							

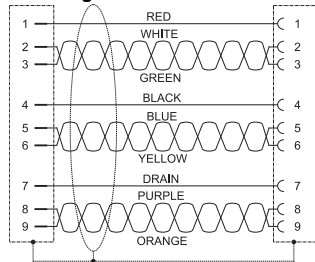
Protection class	IP 65 and UL NEMA Typ 12 65 in closed and IP 20 in inserted condition						
Housing material	Female: PA; male: PVC, cover: TPU						
Contact material	CuSn, gold-plated						
Field installation	Front plate cutout D=22.5mm						
Cable construction	(2xAWG24 + 1x2xAWG28 + 2x(1x2xAWG28)St)StC						
Cable jacket	PVC black						
Cable diameter	6.1 mm						
Bending radius	6 x cable diameter						
Storage temperature range	-						
Temperature range cable moving	-5 °C – 70 °C						
Temperature range cable fixed	-25 °C – 80 °C						
Operation temperature range	-5 °C – 70 °C						
Temperature range connector	-						
Mechanical service life	>100 insertion cycles						
Dimension	(DxT) 29.5 x 45 mm, installation depth appr. 70 mm						
Weight (kg/piece)	0.046	0.058	0.066	0.094	0.113	0.152	0.232
Approvals	-						

Comments
 Included in the delivery: captive safety cap

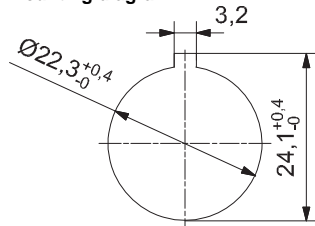
Dimensions



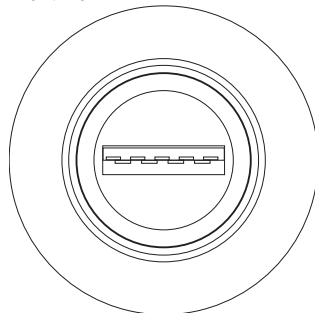
PIN assignment



Mounting diagram



Front view

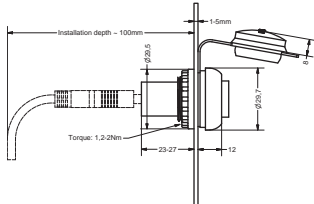


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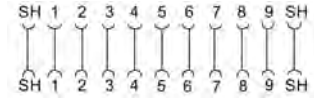
USB 3.0 panel connector with M22 thread for front installation
 USB 3.0 Female / Female Type A/A
 Typ: UBS-3.0 A/A F/F



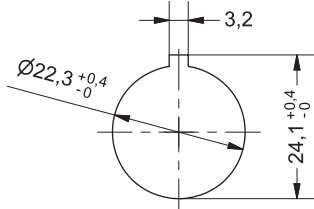
Dimensions



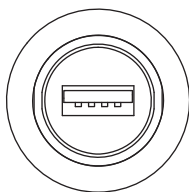
PIN assignment



Mounting diagram



front view



Description	Part-No.	Type	PU
USB 3.0	490112	USB-3.0 A/A F/F	1
Technical data		USB 3.0	
Nominal voltage		AC/DC 5 V	
Nominal voltage range		max. 30 V	
Rated current		900 mA	
Number of terminations		9	
Cable length (m)		-	
Transfer rate		5 Gbit/s	
USB standard		3.0	
Contact type		1 : 1	
Shielding		yes	
General			
Form	USB 3.0 Female/Female Type A/A		
Test voltage	-		
Pollution degree	3		
Insulation resistance	>100 MΩ		
Contact resistance	<30 mΩ		
Class of flammability according to UL 94	-		
Protection class	IP 65 and UL NEMA Typ 12 65 in closed and IP 20 in inserted condition		
Housing material	Female: PA, PVC, Cover, TPU		
Contact material	CuSn, gold-plated		
Field installation	Front plate cutout D=22.5mm		
Cable construction	-		
Cable jacket	-		
Cable diameter	-		
Bending radius	-		
Storage temperature range	-25 °C – 80 °C		
Operation temperature range	-20 °C – 70 °C		
Temperature range connector	-		
Mechanical service life	>100 insertion cycles		
Dimension	(DxT) 29.5 x 42.5 mm, installation depth appr. 100 mm		
Weight (kg/piece)	0.009		
Approvals	cULus		

Comments

Included in the delivery: captive safety cap