

M12-A

Panel-mount connectors
with shielded PUR cable,
M16 x 1,5 thread
763 Series



M12-A

Series	763
Contacts	5, 8
Coding	A
Rated current	4 A, 2 A
Rated voltage	60 V, 30 V
Degree of protection	IP68 in mated condition
Contact plating	Au (gold)



M12-A 763 Series • Panel-mount connectors, front fastened, with shielded PUR cable, M16 x 1,5 thread

- Portfolio extension with M16 x 1.5 thread
- Shield connection to the housing
- Male and female panel-mount connector
- Standard cable length 0.5 m. Other lengths upon request
- Cable diameter: 4.8 mm (5-pole), 6.0 mm (8-pole)
- > 100 mating cycles
- IP68 in mated condition
- Available from now on

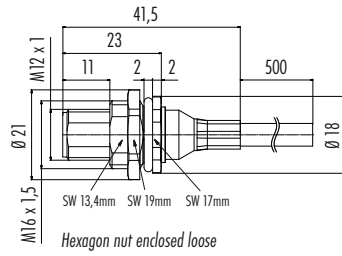


Description

Male panel mount connector, front fastened, with shielded PUR cable, thread M16 x 1.5

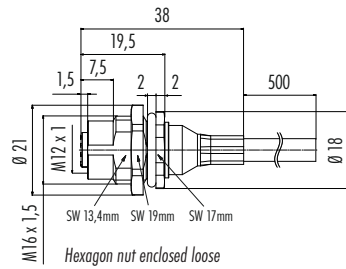


Drawing



Contacts	Cable length	Fixing thread	Ordering-No.
5	0,5 m	M16 x 1,5	70 3441 288 05
8			70 3481 288 08

Female panel mount connector, front fastened, with shielded PUR cable, thread M16 x 1.5



5	0,5 m	M16 x 1,5	70 3442 288 05
8			70 3482 288 08

Specifications of cable

Number of contacts	5	8
Wire gauge mm ² ¹⁾	5 x 0.25 mm ² (AWG 24)	8 x 0.25 mm ² (AWG 24)
Material jacket	PUR	
Insulation wire	PP	
Design of wire (mm)	32 x 0.1	
Cable jacket Ø (mm)	4.8	6
Resistance of wire	≤ 79 Ω/Km (20 °C)	
Temperature range (cable in move)	- 25 °C /+ 90 °C	
Temperature range (static cable)	- 50 °C /+ 90 °C	
Bending radius (cable in move)	min. 10 x D	
Bending radius (static cable)	min. 5 x D	
Bending cycles (at 10 x D)	> 2 Mio.	
Permitted acceleration	5 m/s ²	
Traverse path horizontal 5 m/s ²	5 m	
Traverse path vertical 5 m/s ²	2 m	
Traverse speed	At 5 m horizontal traverse up to 200 m/min.	
Remark	In chain flex application or when stressed mechanically +60 °C.	
Approval	UL	
UL-style	AWM 20549	



