

Product data sheet

Binder connectors

Connecting cable, male cable connector M12x1 & female cable connector M12x1

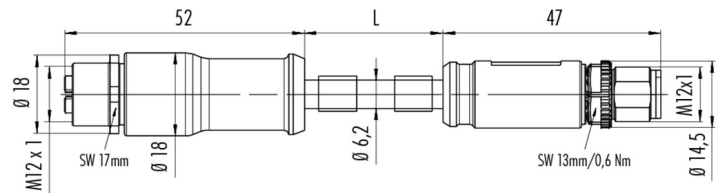


Shielded

UL-approval

79 9724 020 08

<https://www.ac-solutions.be/en/product/79972402008>



Specifications

General Characteristics

Screw size	M12-X
Series	Sensor
Subseries	876
Gender	Male & Female
Number of contacts	8
Contact terminal	Crimp, overmoulded on cable
Upper temperature	+85 °C
Lower temperature	-40 °C
Protection degree	IP67
Locking system	Screw (M12-X)
Mating cycles	>50
Connector Diameter	18 mm
Cable Length	2 m
Cable sheath	6.2 mm

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Wire gauge	26/7 AWG
Radius cable fixed	≥25 mm
Radius cable movable	≥50 mm
Single lead structure	7x0,16

Electrical parameters

Nominal current	0.5 A
Nominal voltage	50 AC, 60 DC
Max. contact resistance	10 mΩ
Conductor resistance	14,5/100m
Pollution degree	3
Overvoltage categorie	II

Material

Material group	II
Material of insert	PA
Material of housing	PUR
Material of contact	CuSn (Bronze), CuZn (Brass)
Plating	Au (Gold)
Housing of cable	PUR Green
Insulation single lead	PE