

Product data sheet

Binder connectors

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

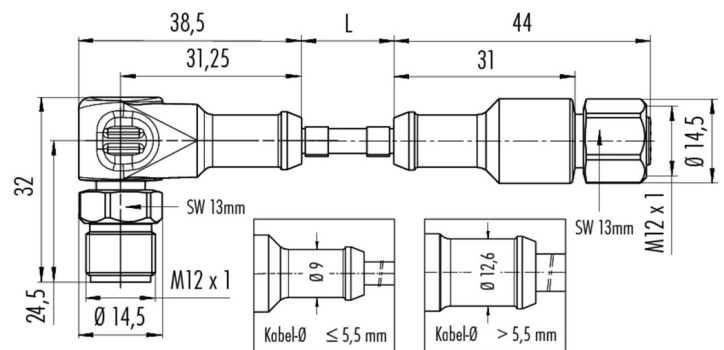


overmoulded, stainless steel

PVC Cable, UL approval

77 3730 3727 20912 0200

<https://www.ac-solutions.be/en/product/7737303727209120200>



Specifications

General Characteristics

Screw size	M12-A
Series	Sensor
Subseries	763
Gender	Male & Female
Number of contacts	12
Contact terminal	Crimp, overmoulded on cable
Color	Grey
Upper temperature	+105 °C
Lower temperature	-40 °C
Protection degree	IP69K
Locking system	Screw (M12-A)
Mating cycles	>100
Connector Diameter	14.5 mm
Cable Length	2 m

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Cable sheath	6.6 mm
Wire gauge	24 AWG
Wire-section	0.25 mm ²
Radius cable fixed	Min. 5xD
Radius cable movable	min. 10xD
Single lead structure	32x0,1

Electrical parameters

Nominal current	1.5 A
Nominal voltage	30 V
Impuls voltage	800 V
Max. contact resistance	3 m?
Conductor resistance	79
Pollution degree	3
Overvoltage categorie	II

Material

Material group	II
Material of insert	PP
Material of housing	PP
Material of contact	Cuzn (Brass), Cusn (Bronze)
Plating	Au (Gold)
Housing of cable	PVC
Insulation single lead	PVC