Product data sheet

Binder connectors

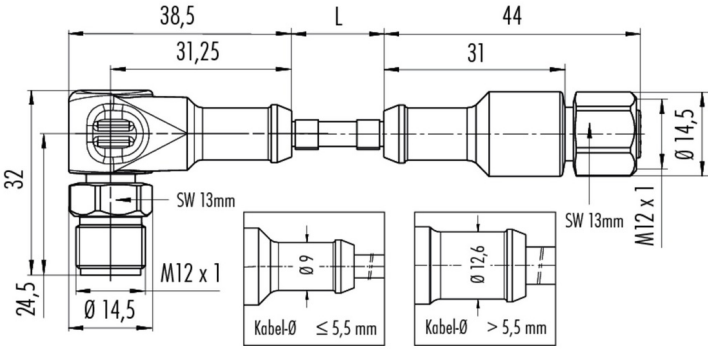
Connecting cable, male cable connector M12x1 & female cable connector M12x1

overmoulded, stainless steel

PVC Cable, UL approval

77 3730 3727 20405 0500
https://www.ac-solutions.be/en/product/7737303727204050500





Specifications

General Characteristics

Screw size	M12-A
Series	Sensor
Subseries	763
Gender	Male & Female
Number of contacts	5
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	5 m

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Cable sheath	4.8 mm
Wire gauge	22 AWG
Wire-section	0.34 mm²
Radius cable fixed	Min. 5xD
Radius cable movable	min. 10xD
Single lead structure	32x0,1

Electrical parameters

Nominal current	4 A
Nominal voltage	60 V
Impuls voltage	1500 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