

# Product: PP12M-MSSV5A-0183 ☑

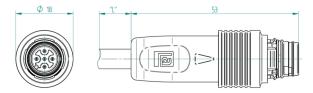


M12 pigtail, Push Pull, industrial sensor cable, PVC orange cable, shielded, male, straight, A-coded, 5-Pin, 5x0.34mm²

#### **Product Description**

M12 pigtail, Push Pull, industrial sensor cable, PVC orange cable, shielded, male, straight, A-coded, 5-Pin, 5x0.34mm², 50 V AC / 60 V DC, 4 A, - 25 °C - + 70 °C (operating temp.), IP65, IP67

#### **Technical Drawing**



## **Technical Specifications**

#### **Technical Data**

Product Family:	Sensor / Actuator Connectors
Product Sub Family:	M12 Standard push pull
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Male
Connector Design:	Straight
Number of Pins:	5
Coding:	A
Shielding:	Shielded
Attachment Type:	Snap Ring
Rated Voltage:	60 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC / 60 V DC
Rated Current*:	4 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 85 °C
Protection Degree / IP Rating**:	IP65, IP67

Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

## **Materials**

Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	PA
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-0
Molded Body Material:	TPU
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	PA
Shielding Material:	GD-Zn, nickel-plated

## **Additional Technical Data**

Fastening Torque (Attachment):	PushPull
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# **Cable Data**

Cable Number:	183	
Conductor Size:	0.34 mm <sup>2</sup>	
Number of Wires:	5	
Minimal Bending Radius (Fixed Inst):	>8 x D	
Minimal Bending Radius (Flexible Inst):	> 15 x D	
Conductor material:	Cu	
Cable Jacket Material:	PVC	
Cable Jacket Color:	orange	
Cable Diameter D:	ø 5.85 ± 0.15 mm	
Wire Insulation Material:	PVC	
Insulated Wire Diameter:	ø 1.50 ± 0.05 mm	
Overall Shield (Cable):	Cu-ETP1 tinned	
Ambient Temperature (Fixed Installation):	- 30 °C - + 70 °C	
Ambient Temperature (Flex Installation):	+ 5 °C - + 70 °C	
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2	
Cable Characteristics:	Free of lacquer wetting disturbing substances, Exclusion of silicone	
Core Colors:	brown, white, blue, black, grey	

# Safety & Environmental Compliance

RoHS Compliant:	yes	

# Resistances

Halogenfree:	no
Oil Resistance:	Yes

## Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	$^{\star\star}$ only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.

# Variants

Item #	Item Description	Rated Current
935301016	PP12M-MSSV5A-0183-0500	4 A
935301015	PP12M-MSSV5A-0183-0300	4 A
935301014	PP12M-MSSV5A-0183-0200	4 A
935301013	PP12M-MSSV5A-0183-0100	4 A

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