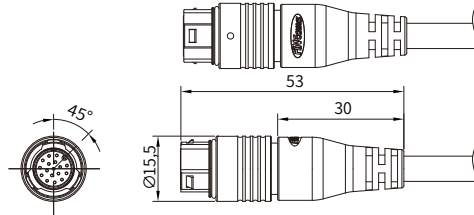


## M12 Push-Pull Male Straight Connector, Molded Cable, Shielded

- Connector series: PPMA12MXFQXXST
- Contact: Male
- Locking type: Quick locking
- Orientation type: Straight
- Part No.: PPMA12MXFQXXST

note: "X" refers to part number definition



### General information



Ambient temperature:	-25 °C ~ +85°C
Endurance:	500 cycles
Insulator:	PA
Connector contacts:	Brass with gold plated
Out shell:	Brass with Black nickel plated

Insulator resistance:	≥ 100MΩ
IP rating:	IP 67(Mated)
Shielding efficiency:	at 10MHz>75dB/at 1GHz>40dB
Salt spray corrosion test:	>96h
standard:	IEC 61076-2-012-2020

### Electrical data & Mechanical data

Contacts	Available Coding				Rated current	Voltage		Wire gauge / size		Cable jacket	Cable ending & length
	A	B	C	D		A/C	D/C	AWG	mm <sup>2</sup>		
03 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	Customized wire ending and length
04 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	
05 pins					4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR / PVC	
06 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	
08 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	
12 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	
17 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	

\*17pin with different overmold from above other pins.

Note: X refers to cable specification

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please refer to Page 96 for products' part number encoding rule.