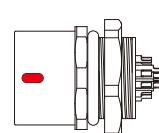
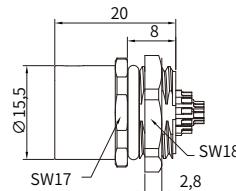
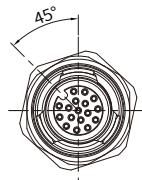


## M12 Push-Pull Female Straight Panel Mount, Front fastened, Shielded

- Connector series: PPMA12FXFQXXST-B
- Contact: Female
- Locking type: Quick locking
- Orientation type: Straight
- Part No.: PPMA12FXFQXXST-B

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 ending & length
	A	B	C	D		A/C	D/C	AWG	mm <sup>2</sup>	
03 pins					4A	250V	250V	22AWG	0.34	
04 pins					4A	250V	250V	22AWG	0.34	
05 pins					4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	
06 pins					2A	30V	30V	24AWG	0.25	Customized wire ending and length
08 pins					2A	30V	30V	24AWG	0.25	
12 pins					1.5A	30V	30V	26AWG	0.14	
17 pins					1.5A	30V	30V	26AWG	0.14	

\*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.