

Typically used for providing **high performance, reliable and robust connections** in commercial and industrial automation applications, these **IP67 rated signal and power connectors** offer a **high degree of protection** against environmental factors such as water, dirt and moisture.

Bulgin's range of M23 Connectors includes field installable male and female connectors as well as front panel mount options from 12- to 19-pole in straight and right angled versions.



Key features:

- ⬡ A-Coded
- ⬡ Male and female variants, 12 or 19 poles
- ⬡ Straight and angled configurations
- ⬡ Robust metal housing
- ⬡ IP67 protection rating (when mated)
- ⬡ Voltages up to 250 V and currents up to 8 A

BUCCANEER

M23 Series

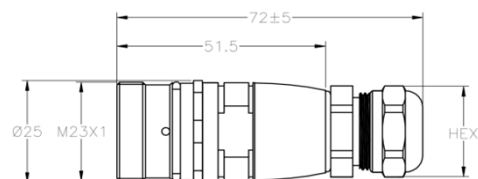


M23 Flex Inline Body



PXMBNI23FIM

- Available in 12 and 19 poles
- Solder termination
- Metal Flex Inline Body
- Mates with panel mount connectors



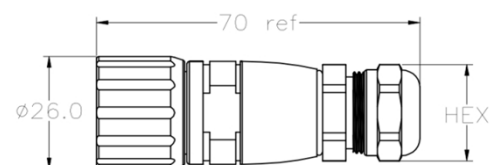
Part Number	Poles	Code	Termination
PXMBNI23FIM12ASC	12	A	Solder Terminal
PXMBNI23FIM19ASC	19	A	Solder Terminal

M23 Flex Body Female



PXMBNI23FBF

- Available in 12 and 19 poles
- Solder termination
- Metal Flex Body
- Mates with panel mount connectors



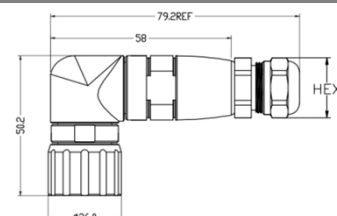
Part Number	Poles	Code	Termination
PXMBNI23FBF12ASC	12	A	Solder Terminal
PXMBNI23FBF19ASC	19	A	Solder Terminal

M23 Right Angled Female



PXMBNI23RAF

- Available in 12 and 19 poles
- Solder termination
- Metal Right Angle Flex Body
- Mates with panel mount connectors



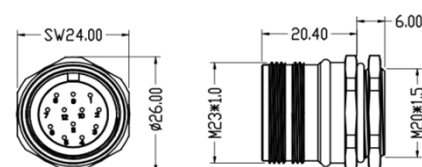
Part Number	Poles	Code	Termination
PXMBNI23RAF12ASC	12	A	Solder Terminal
PXMBNI23RAF19ASC	19	A	Solder Terminal

M23 Front Panel Mounting Male



PXMBNI23FPM

- Available in 12 and 19 poles
- Solder termination
- Front panel M20
- Mates with Flex Body connectors



Part Number	Poles	Code	Termination
PXMBNI23FPM12ASC	12	A	Solder Terminal
PXMBNI23FPM19ASC	19	A	Solder Terminal

Electrical:

No. Poles	12	19
Current Rating	8A	8A
Voltage Rating (ac/dc)	200V	200V
Contact Resistance	<3mΩ	
Insulation Resistance	>100 ³ MΩ	
AC Breakdown Voltage		
12 Pole	1.5KV	
19 Pole	1.5KV	
Operating Temp Range	-25°C to 80°C	

Mechanical:

Locking mechanism	Screw coupling
Sealing	IP67
Contact Accomodation	
12 Pole	18 AWG
19 Pole	17 AWG
Cable acceptance	6.0 - 8.0mm Dia
Terminations	Solder
Mechanical Operation	500 mating cycles
Diameter over coupling ring	26.0mm

Materials:

Panel Mount

Body	Nickel Plated Brass
Coupling Nut	Nickel Plated Brass
Colour	Grey
Pin Contacts	Brass, Gold plating
Socket Contacts	Phosphor Bronze, Gold plating
O Rings & Gaskets	Viton
RoHS	Compliant

Flex & Inline Connectors

Nickel Plated Brass
Nickel Plated Brass
Grey
Brass, Gold plating
Phosphor Bronze, Gold plating
Viton
Compliant

MX	XXX	XX	XX	X	XX	X	XX
Series	Material	Series Size	Body Style	Orientation	No. Contacts	Code	Termination
PXM	BNI = Brass Nickel	23	FB = Flex Body	M	12	A	SC = Solder
PXP			FI = Flex Inline Body	F	19		
			FP = Front Panel Mounting				
			RA = Right Angle				

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bulgin:

[PXMBNI23FPM12ASC](#) [PXMBNI23FPM19ASC](#) [PXMBNI23RAF12ASC](#) [PXMBNI23FBF19ASC](#) [PXMBNI23FIM12ASC](#)
[PXMBNI23RAF19ASC](#) [PXMBNI23FIM19ASC](#) [PXMBNI23FBF12ASC](#)