

## M8 Series


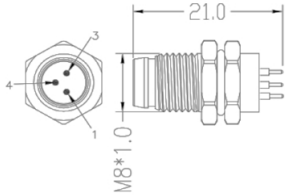
Our M8 circular connectors and cables are designed to fulfil the ever growing demand for sensor, actuator and data connections in process control, industrial machinery and factory automation applications. These compact sensor and automation connectors with quick screw lock coupling are mechanically and chemically robust, easy to install, minimise downtime and help to increase production efficiency.




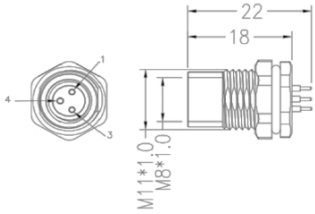
- Straight & Right Angled Configurations
- 3, 4 or 5 Contacts
- Metal & Plastic Shell Options
- A, B & P Coded
- Environmental Protection Class IP67
- Field Installable Connectors, Panel Mounts & Overmolded Cable Options
- PVC or PUR Jacketed Cable Variants With Many Lengths From 1m – 15m
- Compliant with EN 61076-2-104

# M8 Series



<p><b>M8 Rear Panel Mounting Male</b></p>  <p style="text-align: center; color: blue;">PXMBNI08RPM</p>	<ul style="list-style-type: none"> <li>⬡ Available in 3, 4, 5 &amp; 8 Poles</li> <li>⬡ PCB or Flying Lead Termination</li> <li>⬡ Rear Panel Mounting M8 Nut</li> <li>⬡ Mates with Flex Body Connectors</li> </ul>	
---	---	---

Part No.	Poles	Code	Termination	Lead Length
PXMBNI08RPM03APC	03	A	PCB Terminal	-
PXMBNI08RPM04APC	04	A	PCB Terminal	-
PXMBNI08RPM05BPC	05	B	PCB Terminal	-
PXMBNI08RPM03AFL001	03	A	Flying Lead	100 mm
PXMBNI08RPM03AFL002	03	A	Flying Lead	200 mm
PXMBNI08RPM03AFL003	03	A	Flying Lead	300 mm
PXMBNI08RPM04AFL001	04	A	Flying Lead	100 mm
PXMBNI08RPM04AFL002	04	A	Flying Lead	200 mm
PXMBNI08RPM04AFL003	04	A	Flying Lead	300 mm
PXMBNI08RPM05BFL001	05	B	Flying Lead	100 mm
PXMBNI08RPM05BFL002	05	B	Flying Lead	200 mm
PXMBNI08RPM05BFL003	05	B	Flying Lead	300 mm
PXMBNI08RPM08AFLM8002	08	A	Flying Lead	200 mm

<p><b>M8 Rear Panel Mounting Female</b></p>  <p style="text-align: center; color: blue;">PXMBNI08RPF</p>	<ul style="list-style-type: none"> <li>⬡ Available in 3, 4, 5 &amp; 6 Poles</li> <li>⬡ PCB or Flying Lead Termination</li> <li>⬡ Rear Panel Mounting M11 Nut</li> <li>⬡ Mates with Flex Inline Body Connectors</li> </ul>	
---	---	---

Part No.	Poles	Code	Termination	Lead Length
PXMBNI08RPF03APC	03	A	PCB Terminal	-
PXMBNI08RPF04APC	04	A	PCB Terminal	-
PXMBNI08RPF05BPC	05	B	PCB Terminal	-
PXMBNI08RPF03AFL001	03	A	Flying Lead	100 mm
PXMBNI08RPF03AFL002	03	A	Flying Lead	200 mm
PXMBNI08RPF03AFL003	03	A	Flying Lead	300 mm
PXMBNI08RPF04AFL001	04	A	Flying Lead	100 mm
PXMBNI08RPF04AFL002	04	A	Flying Lead	200 mm
PXMBNI08RPF04AFL003	04	A	Flying Lead	300 mm
PXMBNI08RPF05BFL001	05	B	Flying Lead	100 mm
PXMBNI08RPF05BFL002	05	B	Flying Lead	200 mm
PXMBNI08RPF05BFL003	05	B	Flying Lead	300 mm
PXMBNI08RPF06AFLM8001	06	A	Flying Lead	100 mm
PXMBNI08RPF08AFLM8002	08	A	Flying Lead	200 mm

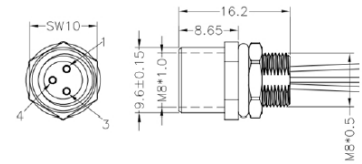
## M8 Series

## M8 Front Panel Mounting Female



PXMBNI08FPF

- Available in 3, 4, 5, 6 & 8 Poles
- Flying Lead Termination
- Front Panel Mounting M8
- Mates with Flex Inline Body Connectors



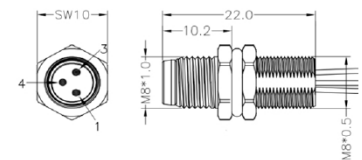
Part No.	Poles	Code	Termination	Lead Length
PXMBNI08FPF03AFL001	03	A	Flying Lead	100 mm
PXMBNI08FPF03AFL002	03	A	Flying Lead	200 mm
PXMBNI08FPF03AFL003	03	B	Flying Lead	300 mm
PXMBNI08FPF04AFL001	04	A	Flying Lead	100 mm
PXMBNI08FPF04AFL002	04	A	Flying Lead	200 mm
PXMBNI08FPF04AFL003	04	A	Flying Lead	300 mm
PXMBNI08FPF05BFL001	05	B	Flying Lead	100 mm
PXMBNI08FPF05BFL002	05	B	Flying Lead	200 mm
PXMBNI08FPF05BFL003	05	B	Flying Lead	300 mm
PXMBNI08FPF06AFLM11001	06	A	Flying Lead	100 mm
PXMBNI08FPF08AFLM11002	08	A	Flying Lead	200 mm

## M8 Front Panel Mounting Male



PXMBNI08FPM

- Available in 3, 4 & 5 Poles
- Flying Lead Termination
- Front Panel Mounting M8
- Mates with Flex Body Connectors



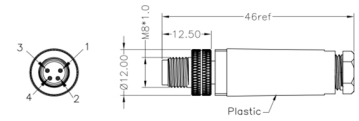
Part No.	Poles	Code	Termination	Lead Length
PXMBNI08FPM03AFL001	03	A	Flying Lead	100mm
PXMBNI08FPM03AFL002	03	A	Flying Lead	200mm
PXMBNI08FPM03AFL003	03	A	Flying Lead	300mm
PXMBNI08FPM04AFL001	04	A	Flying Lead	100mm
PXMBNI08FPM04AFL002	04	A	Flying Lead	200mm
PXMBNI08FPM04AFL003	04	A	Flying Lead	300mm
PXMBNI08FPM04PPC	04	P	PCB Terminal	-
PXMBNI08FPM05BFL001	05	B	Flying Lead	100mm
PXMBNI08FPM05BFL002	05	B	Flying Lead	200mm
PXMBNI08FPM05BFL003	05	B	Flying Lead	300mm

## M8 Flex Inline Body Male



PXPPAM08FIM

- Available in 3 & 4 Poles
- Screw Termination
- Plastic Flex Inline Body
- Mates with Flex Body & Panel Mount Connectors



Part No.	Poles	Code	Termination
----------	-------	------	-------------

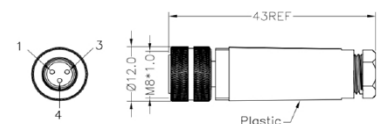
PXPPAM08FIM03AST	03	A	Screw Terminal
PXPPAM08FIM04AST	04	A	Screw Terminal

## M8 Flex Body Female



PXPPAM08FBF

- Available in 3 & 4 Poles
- Screw Termination
- Plastic Flex Body
- Mates with Flex Inline Body & Panel Mount Connectors




Part No.	Poles	Code	Termination
----------	-------	------	-------------

PXPPAM08FBF03AST	03	A	Screw Terminal
PXPPAM08FBF04AST	04	A	Screw Terminal

# M8 Series

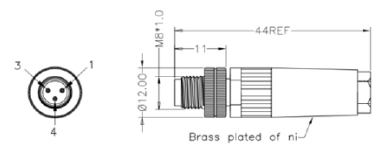


**Brass - Nickel Plating M8 Flex Inline Body Male**




PXMBNI08FIM

- ⬡ Available in 3, 4 & 5 Poles
- ⬡ Solder Termination
- ⬡ Metal Flex Inline Body
- ⬡ Mates with Flex Body & Panel Mount Connectors



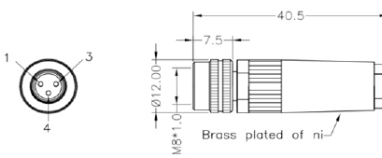
Part No.	Poles	Code	Termination
PXMBNI08FIM03ASC	03	A	Solder Terminal
PXMBNI08FIM04ASC	04	A	Solder Terminal
PXMBNI08FIM05BSC	05	B	Solder Terminal

**Brass - Nickel Plating M8 Flex Body Female**



PXMBNI08FBF


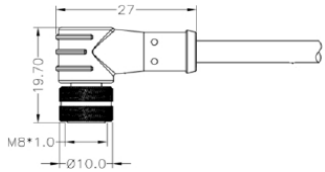
- ⬡ Available in 3, 4 & 5 Poles
- ⬡ Solder Termination
- ⬡ Metal Flex Body
- ⬡ Mates with Flex Inline Body & Panel Mount CConnectors



Part No.	Poles	Code	Termination
PXMBNI08FBF03ASC	03	A	Solder Terminal
PXMBNI08FBF04ASC	04	A	Solder Terminal
PXMBNI08FBF05BSC	05	B	Solder Terminal

# M8 Series



<p><b>M8 Right Angled Female</b></p>  <p style="text-align: right; color: blue;">PXPTPU08RAF PXPPVC08RAF</p>	<ul style="list-style-type: none"> <li>⬡ Available in 3, 4, 5, 6 &amp; 8 Poles</li> <li>⬡ 1, 1.5, 2, 3, 5, 7.5, 10 &amp; 15m Cable Options</li> <li>⬡ Overmold Flex Body</li> <li>⬡ Mates with Flex Inline Body &amp; Panel Mount Connectors</li> </ul>	
---	---	---

Part No.	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08RAF03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08RAF03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08RAF03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08RAF03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08RAF03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08RAF03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08RAF03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08RAF03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08RAF03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08RAF03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08RAF03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08RAF03ACL150PUR	03	A	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08RAF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08RAF04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPNP08RAF04ACL015PVC	04	A	Overmold Cable	1.5m	PVC
PXPPVC08RAF04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08RAF04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08RAF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08RAF04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPNP08RAF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPPVC08RAF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08RAF04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPNP08RAF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPPNP08RAF04ACL075PVC	04	A	Overmold Cable	7.5m	PVC
PXPPVC08RAF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08RAF04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPNP08RAF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPPVC08RAF04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08RAF04ACL150PUR	04	A	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08RAF05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08RAF05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08RAF05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08RAF05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08RAF05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08RAF05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08RAF05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08RAF05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08RAF05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08RAF05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08RAF05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08RAF05BCL150PUR	05	B	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08RAF06ACL020PVC	06	A	Overmold Cable	2m	PVC
<hr/>					
PXPPVC08RAF08ACL010PVC	08	A	Overmold Cable	1m	PVC

# M8 Series

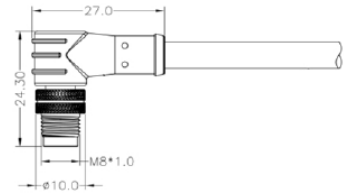


## M8 Right Angled Male




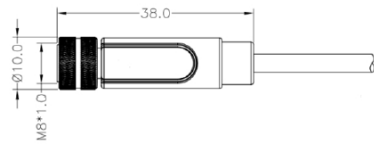
PXPTPU08RAM  
PXPPVC08RAM

- Available in 3, 4 & 5 Poles
- 1, 2, 3, 5, 10 & 15M Cable Options
- Overmold Flex Inline Body
- Mates with Flex Body & Panel Mount Connectors



Part No.	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08RAM03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08RAM03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08RAM03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08RAM03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08RAM03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08RAM03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08RAM03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08RAM03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08RAM03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08RAM03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08RAM03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08RAM03ACL150PUR	03	A	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08RAM04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08RAM04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC08RAM04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08RAM04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08RAM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08RAM04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC08RAM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08RAM04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC08RAM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08RAM04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC08RAM04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08RAM04ACL150PUR	04	A	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08RAM05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08RAM05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08RAM05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08RAM05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08RAM05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08RAM05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08RAM05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08RAM05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08RAM05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08RAM05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08RAM05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08RAM05BCL150PUR	05	B	Overmold Cable	15m	PUR

## M8 Series

<p><b>M8 Flex Body Female</b></p>  <p>PXPTPU08FBF PXPPVC08FBF</p>	<ul style="list-style-type: none"> <li>⬡ Available in 3, 4, 5, 6 &amp; 8 Poles</li> <li>⬡ 1, 2, 3, 5, 10 &amp; 15m Cable Options</li> <li>⬡ Overmold Flex Body</li> <li>⬡ Mates with Flex Inline Body &amp; Panel Mount Connectors</li> </ul>	
--	---	---

Part No.	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08FBF03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08FBF03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08FBF03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08FBF03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08FBF03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08FBF03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08FBF03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08FBF03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08FBF03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08FBF03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08FBF03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08FBF03ACL150PUR	03	A	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08FBF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08FBF04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC08FBF04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08FBF04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08FBF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08FBF04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC08FBF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08FBF04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC08FBF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08FBF04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC08FBF04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08FBF04ACL150PUR	04	A	Overmold Cable	15m	PUR
<hr/>					
PXPTPU08FBF04PCL010PUR	04	P	Overmold Cable	1m	PUR
<hr/>					
PXPPVC08FBF05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08FBF05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08FBF05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08FBF05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08FBF05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08FBF05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08FBF05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08FBF05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08FBF05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08FBF05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08FBF05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08FBF05BCL150PUR	05	B	Overmold Cable	15m	PUR
<hr/>					
PXPTPU08FBF06ACL020PUR	06	A	Overmold Cable	2m	PUR
<hr/>					
PXPPVC08FBF08ACL010PVC	08	A	Overmold Cable	1m	PVC



## M8 Series

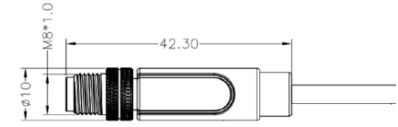


## M8 Flex Inline Body Male



PXPTPU08FIM  
PXPPVC08FIM

- Available in 3, 4 & 5 Poles
- 1, 1.5, 2, 3, 5, 7.5, 10 & 15m Cable Options
- Overmold Flex Inline Body
- Mates with Flex Body & Panel Mount Connectors




Part No.	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08FIM03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08FIM03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08FIM03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08FIM03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08FIM03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08FIM03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08FIM03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08FIM03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08FIM03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08FIM03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08FIM03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08FIM03ACL150PUR	03	A	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08FIM04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08FIM04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPNP08FIM04ACL015PVC	04	A	Overmold Cable	1.5m	PVC
PXPPVC08FIM04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08FIM04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08FIM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08FIM04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPNP08FIM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPPVC08FIM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08FIM04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPNP08FIM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPPNP08FIM04ACL075PVC	04	A	Overmold Cable	7.5m	PVC
PXPPVC08FIM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08FIM04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPNP08FIM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPPVC08FIM04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08FIM04ACL150PUR	04	A	Overmold Cable	15m	PUR
<hr/>					
PXPPVC08FIM04PCL010PVC	04	P	Overmold Cable	1m	PVC
<hr/>					
PXPPVC08FIM05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08FIM05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08FIM05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08FIM05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08FIM05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08FIM05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08FIM05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08FIM05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08FIM05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08FIM05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08FIM05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08FIM05BCL150PUR	05	B	Overmold Cable	15m	PUR

# M8 Series

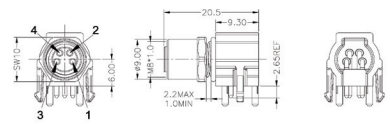


**M8 Right Angle PCB Mount**




PXMBNI08RAF  
PXMBNI08RAM

- Available in 3 & 4 Poles
- PCB Termination
- Mates with Flex Inline Body & Flex Body



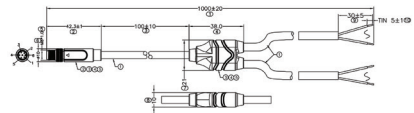
Part No.	Poles	Code	Termination
PXMBNI08RAF03APCM8	03	A	PCB Terminal
PXMBNI08RAM03APCM8	03	A	PCB Terminal
PXMBNI08RAF04APCM8	04	A	PCB Terminal
PXMBNI08RAM04APCM8	04	A	PCB Terminal

**M8 Y-Splitters**




PXPPVC08FIM

- Available in 6 & 8 Poles
- Overmold Flex Body
- Mates with Flex Body



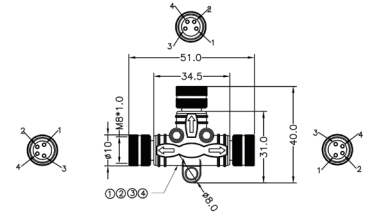
Part No.	Poles	Code	Termination
PXPPVC08FIM06AYT010PVC	06	A	Overmold Cable
PXPPVC08FIM08AYT010PVC	08	A	Overmold Cable

**M8 T-Splitters**



PXPPVC08TSMM  
PXPPVC08TSFF

- Available in 3 & 4 poles
- Mates with Flex Inline Body & Flex Body



Part No.	Poles	Code	Termination
PXPPVC08TSMM03AFIFI	03	A	Male-Male-Male
PXPPVC08TSFF03AFBFB	03	A	Female-Female-Female
PXPPVC08TSMM04AFIFI	04	A	Male-Male-Male
PXPPVC08TSFF04AFBFB	04	A	Female-Female-Female

# M8 Series



## Technical Overview Data

### Electrical:

<b>No. Poles:</b>	3	4	5	6	8
<b>Current Rating:</b>	3A	3A	1.5A	1.5A	1.5A
<b>Voltage Rating (ac/dc):</b>	60V	30V	30V	30V	30V

<b>Contact Resistance:</b>	<10mΩ
<b>Insulation Resistance:</b>	>100MΩ

### AC Breakdown Voltage

<b>3 Pole:</b>	1.5KV
<b>4 Pole:</b>	0.8KV
<b>5 Pole:</b>	0.8KV
<b>6 Pole:</b>	0.8KV
<b>8 Pole:</b>	0.8KV

<b>Operating Temp Range:</b>	-25°C to 80°C
------------------------------	---------------

### Materials:

**Body:**  
**Coupling Nut:**

Nickel Plated Brass  
Nickel Plated Brass

**Colour:**

Grey

**Pin Contacts:**  
**Socket Contacts:**  
**O Rings & Gaskets:**

Brass, Gold Plating  
Phosphor Bronze, Gold Plating  
Viton

**RoHS**

Compliant

### Panel Mount:

### Mechanical:

<b>Locking Mechanism:</b>	Screw Coupling
<b>Sealing:</b>	IP67

### Contact Accommodation

<b>3, 4 &amp; 5 Pole:</b>	28 AWG-22 AWG
---------------------------	---------------

<b>Cable Acceptance:</b>	3.0 - 3.5 mm Dia
<b>Mechanical Operation:</b>	500 Mating Cycles
<b>Diameter Over Coupling Ring:</b>	6.5mm

### Terminations

<b>3 Pole:</b>	Single Wire / PCB / Cable Screw / Solder
<b>4 Pole:</b>	Single Wire / PCB / Cable Screw / Solder
<b>5 Pole:</b>	Single Wire / PCB / Cable Screw / Solder
<b>6 Pole:</b>	Single Wire / PCB / Cable Screw / Solder
<b>8 Pole:</b>	Single Wire / PCB / Cable Screw / Solder

<b>Mechanical Operation:</b>	500 Mating Cycles
<b>Diameter Over Coupling Ring:</b>	12.5mm

### Cable Connectors:

TPU / PVC  
Nickel Plated Brass

Black

Brass, Gold Plating  
Phosphor Bronze, Gold Plating  
Viton

Compliant

### Flex & Inline Connectors:

Nickel Plated Brass / PA66  
Nickel Plated Brass

Black or Grey

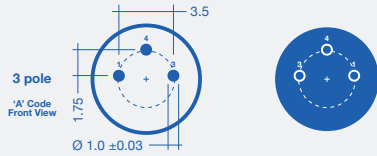
Brass, Gold Plating  
Phosphor Bronze, Gold Plating  
Viton

Compliant

# M8 Series

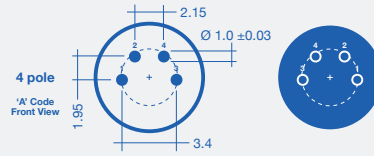
## Contact Diagrams

XXXXXXXXXXM03XXXXXXXXXX  
XXXXXXXXXXF03XXXXXXXXXX



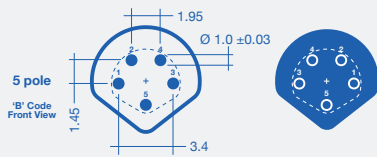
P1	Pair	Wire Colour	P2
1		Brown	1
3		Blue	3
4		Black	4

XXXXXXXXXXM04XXXXXXXXXX  
XXXXXXXXXXF04XXXXXXXXXX



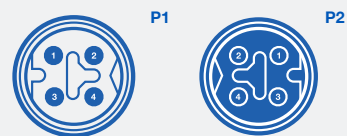
P1	Pair	Wire Colour	P2
1		Brown	1
2		White	2
3		Blue	3
4		Black	4

XXXXXXXXXXM06XXXXXXXXXX  
XXXXXXXXXXF06XXXXXXXXXX



P1	Pair	Wire Colour	P2
1		Brown	1
2		White	2
3		Blue	3
4		Black	4
5		Grey	5
6		Pink	6

XXXXXXXXXXM04XXXXXXXXXX  
XXXXXXXXXXF04XXXXXXXXXX



4 PINS P-CODED

P1	Pair	Wire Colour	P2
1		Yellow	Open
2		White	
3		Blue	
4		Brown	

# M8 Series

XXX	XXX	XX	XX	X	XX	X	XX	XXX	XXX	XXX
Series	Material	Size	Body	Orientation	Contacts	Code	Termination	Mounting	Lead Length	Cable
PXM	BNI = Brass	08	FB = Flex Body	M	03	A	ST = Screw Terminal	M12	001	PUR
PXP	Nickel		FI = Flex Inline Body	F	04	B	PC = PCB	M16	002	PVC
	PAM = Polyamide		FP = Front Panel Mounting	T-Split = MM MF	05	P	FL = Flying Lead		003	
	TPU = Overmold for PUR		RP = Rear Panel Mounting		06		CL = Cable		010	
	PVC = Overmold for PVC		RA = Right Angle		08		SC = Solder		020	
	PNP = LED PNP		TS = T-Splitter				YT = Y-Type		030	
							T-Split = FIIFI		050	
							FBIFB		100	
							FBBFB		150	