



**THE DATASHEET OF
PXMBNI08FBF05BSC**



Bulgin's **M8 circular connectors** and overmolded 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 screw lock coupling are mechanically and chemically robust, easy to install, minimise downtime and help to increase production efficiency. Rated to the IP67 rating, Bulgin's M8 Series ensure safe, secure and reliable protection from liquids, dust, moisture and dirt whilst also providing great resistance against vibrations to ensure that connections are not disrupted.

Key features:

- Straight & right angled configurations
- 3, 4 or 5 contacts
- Metal & plastic shell options
- A, B & P coded
- Environmental protection rating 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 coding options: (Full Contact Diagrams Page 168)



A-Coding



B-Coding



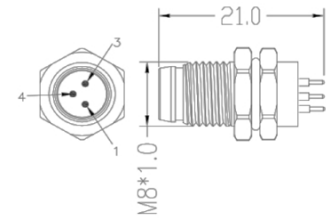
P-Coding

M8 Rear Panel Mounting Male



PXMBNI08RPM

- Available in 3, 4, 5 & 8 Contacts
- PCB or flying lead termination
- Mates with Flex Body connectors



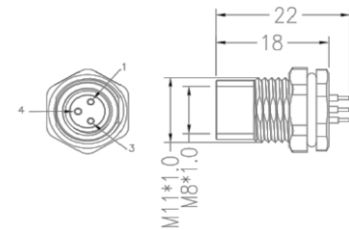
| Part Number | Contacts | Code | Termination | Lead Length |
|-----------------------|----------|------|--------------|-------------|
| PXMBNI08RPM03APC | 03 | A | PCB Terminal | - |
| PXMBNI08RPM04APC | 04 | A | PCB Terminal | - |
| PXMBNI08RPM05BPC | 05 | B | PCB Terminal | - |
| PXMBNI08RPM03AFL001 | 03 | A | Flying Lead | 100mm |
| PXMBNI08RPM03AFL002 | 03 | A | Flying Lead | 200mm |
| PXMBNI08RPM03AFL003 | 03 | A | Flying Lead | 300mm |
| PXMBNI08RPM04AFL001 | 04 | A | Flying Lead | 100mm |
| PXMBNI08RPM04AFL002 | 04 | A | Flying Lead | 200mm |
| PXMBNI08RPM04AFL003 | 04 | A | Flying Lead | 300mm |
| PXMBNI08RPM05BFL001 | 05 | B | Flying Lead | 100mm |
| PXMBNI08RPM05BFL002 | 05 | B | Flying Lead | 200mm |
| PXMBNI08RPM05BFL003 | 05 | B | Flying Lead | 300mm |
| PXMBNI08RPM08AFLM8002 | 08 | A | Flying Lead | 200mm |

M8 Rear Panel Mounting Female



PXMBNI08RPF

- Available in 3, 4, 5, 6 & 8 Contacts
- PCB or flying lead termination
- Mates with Inline Body connectors



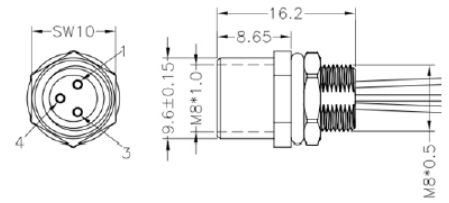
| Part Number | Contacts | Code | Termination | Lead Length |
|-----------------------|----------|------|--------------|-------------|
| PXMBNI08RPF03APC | 03 | A | PCB Terminal | - |
| PXMBNI08RPF04APC | 04 | A | PCB Terminal | - |
| PXMBNI08RPF05BPC | 05 | B | PCB Terminal | - |
| PXMBNI08RPF03AFL001 | 03 | A | Flying Lead | 100mm |
| PXMBNI08RPF03AFL002 | 03 | A | Flying Lead | 200mm |
| PXMBNI08RPF03AFL003 | 03 | A | Flying Lead | 300mm |
| PXMBNI08RPF04AFL001 | 04 | A | Flying Lead | 100mm |
| PXMBNI08RPF04AFL002 | 04 | A | Flying Lead | 200mm |
| PXMBNI08RPF04AFL003 | 04 | A | Flying Lead | 300mm |
| PXMBNI08RPF05BFL001 | 05 | B | Flying Lead | 100mm |
| PXMBNI08RPF05BFL002 | 05 | B | Flying Lead | 200mm |
| PXMBNI08RPF05BFL003 | 05 | B | Flying Lead | 300mm |
| PXMBNI08RPF06AFLM8001 | 06 | A | Flying Lead | 100mm |
| PXMBNI08RPF08AFLM8002 | 08 | A | Flying Lead | 200mm |

M8 Front Panel Mounting Female



PXMBNI08FPF

- Available in 3, 4, 5, 6 & 8 Contacts
- Flying lead termination
- Mates with Inline Body connector



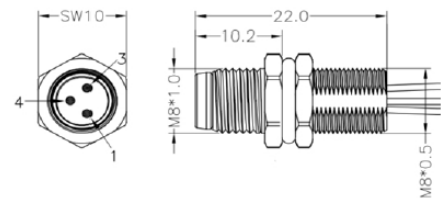
| Part Number | Contacts | Code | Termination | Lead Length |
|------------------------|----------|------|-------------|-------------|
| PXMBNI08FPF03AFL001 | 03 | A | Flying Lead | 100mm |
| PXMBNI08FPF03AFL002 | 03 | A | Flying Lead | 200mm |
| PXMBNI08FPF03AFL003 | 03 | B | Flying Lead | 300mm |
| PXMBNI08FPF04AFL001 | 04 | A | Flying Lead | 100mm |
| PXMBNI08FPF04AFL002 | 04 | A | Flying Lead | 200mm |
| PXMBNI08FPF04AFL003 | 04 | A | Flying Lead | 300mm |
| PXMBNI08FPF05BFL001 | 05 | B | Flying Lead | 100mm |
| PXMBNI08FPF05BFL002 | 05 | B | Flying Lead | 200mm |
| PXMBNI08FPF05BFL003 | 05 | B | Flying Lead | 300mm |
| PXMBNI08FPF06AFLM11001 | 06 | A | Flying Lead | 100mm |
| PXMBNI08FPF08AFLM11002 | 08 | A | Flying Lead | 200mm |

M8 Front Panel Mounting Male



PXMBNI08FPM

- Available in 3, 4 & 5 Contacts
- PCB or flying lead termination
- Mates with Flex Body connectors



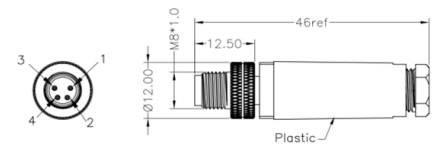
| Part Number | Contacts | Code | Termination | Lead Length |
|---------------------|----------|------|--------------|-------------|
| PXMBNI08FPM03AFL001 | 03 | A | Flying Lead | 100mm |
| PXMBNI08FPM03AFL002 | 03 | A | Flying Lead | 200mm |
| PXMBNI08FPM03AFL003 | 03 | A | Flying Lead | 300mm |
| PXMBNI08FPM04AFL001 | 04 | A | Flying Lead | 100mm |
| PXMBNI08FPM04AFL002 | 04 | A | Flying Lead | 200mm |
| PXMBNI08FPM04AFL003 | 04 | A | Flying Lead | 300mm |
| PXMBNI08FPM05BFL001 | 05 | B | Flying Lead | 100mm |
| PXMBNI08FPM05BFL002 | 05 | B | Flying Lead | 200mm |
| PXMBNI08FPM05BFL003 | 05 | B | Flying Lead | 300mm |
| PXMBNI08FPM04PPC | 04 | P | PCB Terminal | - |

M8 Inline Body Male



PXPPAM08FIM

- Available in 3 & 4 Contacts
- Screw termination
- Plastic Inline Body
- Mates with Flex Body and panel mount connectors



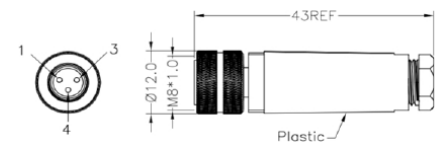
| Part Number | Contacts | Code | Termination | Cable Entry |
|------------------|----------|------|----------------|-------------|
| PXPPAM08FIM03AST | 03 | A | Screw Terminal | 3-5.5mm |
| PXPPAM08FIM04AST | 04 | A | Screw Terminal | 3-5.5mm |

M8 Flex Body Female



PXPPAM08FBF

- Available in 3 & 4 Contacts
- Screw termination
- Plastic Flex Body
- Mates with Inline Body and panel mount connectors



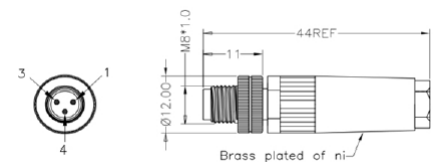
| Part Number | Contacts | Code | Termination | Cable Entry |
|------------------|----------|------|----------------|-------------|
| PXPPAM08FBF03AST | 03 | A | Screw Terminal | 3-5.5mm |
| PXPPAM08FBF04AST | 04 | A | Screw Terminal | 3-5.5mm |

Brass - Nickel Plating M8 Inline Body Male



PXMBNI08FIM

- Available in 3, 4 & 5 Contacts
- Solder termination
- Metal Inline Body
- Mates with Flex Body and panel mount connectors



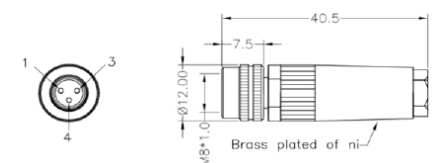
| Part Number | Contacts | Code | Termination | Cable Entry |
|------------------|----------|------|-----------------|-------------|
| PXMBNI08FIM03ASC | 03 | A | Solder Terminal | 3-5.5mm |
| PXMBNI08FIM04ASC | 04 | A | Solder Terminal | 3-5.5mm |
| PXMBNI08FIM05BSC | 05 | B | Solder Terminal | 3-5.5mm |

Brass - Nickel Plating M8 Flex Body Female



PXMBNI08FBF

- Available in 3, 4 & 5 Contacts
- Solder termination
- Metal Flex Body
- Mates with Inline Body and panel mount connectors



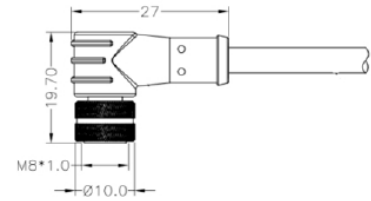
| Part Number | Contacts | Code | Termination | Cable Entry |
|------------------|----------|------|-----------------|-------------|
| PXMBNI08FBF03ASC | 03 | A | Solder Terminal | 3-5.5mm |
| PXMBNI08FBF04ASC | 04 | A | Solder Terminal | 3-5.5mm |
| PXMBNI08FBF05BSC | 05 | B | Solder Terminal | 3-5mm |

M8 Right Angled Female



PXPTPU08RAF
PXPPVC08RAF

- Available in 3, 4, 5, 6 & 8 Contacts
- 1,1.5,2,3,5,7.5,10 & 15m cable options
- Overmold Flex Body
- Mates with Inline Body & panel mount connectors



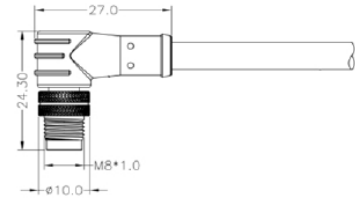
| Part Number | Contacts | Code | Termination | Lead Length | Cable Material |
|------------------------|----------|------|----------------|-------------|----------------|
| PXPPVC08RAF03ACL010PVC | 03 | A | Overmold Cable | 1m | PVC |
| PXPTPU08RAF03ACL010PUR | 03 | A | Overmold Cable | 1m | PUR |
| 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 |
| PXPPVC08RAF04ACL010PVC | 04 | A | Overmold Cable | 1m | PVC |
| PXPTPU08RAF04ACL010PUR | 04 | A | Overmold Cable | 1m | PUR |
| 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 |
| PXPPVC08RAF04ACL050PVC | 04 | A | Overmold Cable | 5m | PVC |
| PXPTPU08RAF04ACL050PUR | 04 | A | Overmold Cable | 5m | PUR |
| PXPPVC08RAF04ACL100PVC | 04 | A | Overmold Cable | 10m | PVC |
| PXPTPU08RAF04ACL100PUR | 04 | A | Overmold Cable | 10m | PUR |
| PXPPVC08RAF04ACL150PVC | 04 | A | Overmold Cable | 15m | PVC |
| PXPTPU08RAF04ACL150PUR | 04 | A | Overmold Cable | 15m | PUR |
| 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 |
| PXPPVC08RAF06ACL010PVC | 06 | A | Overmold Cable | 1m | PVC |
| PXPTPU08RAF06ACL010PUR | 06 | A | Overmold Cable | 1m | PUR |
| PXPPVC08RAF06ACL020PVC | 06 | A | Overmold Cable | 2m | PVC |
| PXPTPU08RAF06ACL020PUR | 06 | A | Overmold Cable | 2m | PUR |
| PXPPVC08RAF08ACL010PVC | 08 | A | Overmold Cable | 1m | PVC |
| PXPPNP08RAF04ACL015PVC | 04 | A | Overmold Cable | 1.5m | PVC |
| PXPPNP08RAF04ACL030PVC | 04 | A | Overmold Cable | 3m | PVC |
| PXPPNP08RAF04ACL050PVC | 04 | A | Overmold Cable | 5m | PVC |
| PXPPNP08RAF04ACL075PVC | 04 | A | Overmold Cable | 7.5m | PVC |
| PXPPNP08RAF04ACL100PVC | 04 | A | Overmold Cable | 10m | PVC |

M8 Right Angled Male



PXPTPU08RAM
PXPPVC08RAM

- Available in 3, 4 & 5 Contacts
- 1,2,3,5,10 & 15m cable options
- Overmold Inline Body
- Mates with Flex Body & panel mount connectors



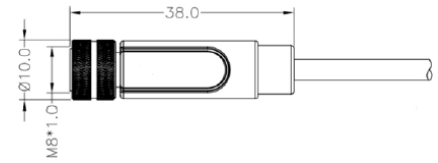
| Part Number | Contacts | Code | Termination | Lead Length | Cable Material |
|------------------------|----------|------|----------------|-------------|----------------|
| PXPPVC08RAM03ACL010PVC | 03 | A | Overmold Cable | 1m | PVC |
| PXPTPU08RAM03ACL010PUR | 03 | A | Overmold Cable | 1m | PUR |
| 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 |
| 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 |
| 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 Flex Body Female



PXPTPU08FBF
PXPPVC08FBF

- Available in 3, 4, 5, 6 & 8 Contacts
- 1,2,3,5,10 & 15m cable options
- Overmold Flex Body
- Mates with Inline Body & panel mount connectors



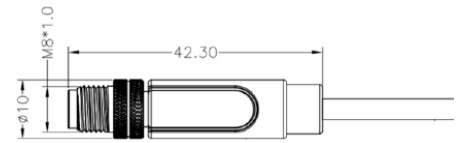
| Part Number | Contacts | Code | Termination | Lead Length | Cable Material |
|------------------------|----------|------|----------------|-------------|----------------|
| PXPPVC08FBF03ACL010PVC | 03 | A | Overmold Cable | 1m | PVC |
| PXPTPU08FBF03ACL010PUR | 03 | A | Overmold Cable | 1m | PUR |
| 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 |
| 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 |
| 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 |
| PXPPVC08FBF06ACL010PVC | 06 | A | Overmold Cable | 1m | PVC |
| PXPPVC08FBF08ACL010PVC | 08 | A | Overmold Cable | 1m | PVC |
| PXPTPU08FBF04PCL010PUR | 04 | P | Overmold Cable | 1m | PUR |

M8 Inline Body Male



PXPTPU08FIM
PXPPVC08FIM

- Available in 3, 4 & 5 Contacts
- 1,1.5,2,3,5,7.5,10 & 15m cable options
- Overmold Inline Body Mates with Flex Body & panel mount connectors



| Part Number | Contacts | 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 |
| PXPPVC08FIM04ACL010PVC | 04 | A | Overmold Cable | 1m | PVC |
| PXPTPU08FIM04ACL010PUR | 04 | A | Overmold Cable | 1m | PUR |
| 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 |
| PXPPVC08FIM04ACL050PVC | 04 | A | Overmold Cable | 5m | PVC |
| PXPTPU08FIM04ACL050PUR | 04 | A | Overmold Cable | 5m | PUR |
| PXPPVC08FIM04ACL100PVC | 04 | A | Overmold Cable | 10m | PVC |
| PXPTPU08FIM04ACL100PUR | 04 | A | Overmold Cable | 10m | PUR |
| PXPPVC08FIM04ACL150PVC | 04 | A | Overmold Cable | 15m | PVC |
| PXPTPU08FIM04ACL150PUR | 04 | A | Overmold Cable | 15m | PUR |
| 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 |
| PXPPNP08FIM04ACL015PVC | 04 | A | Overmold Cable | 1.5m | PVC |
| PXPPNP08FIM04ACL030PVC | 04 | A | Overmold Cable | 3m | PVC |
| PXPPNP08FIM04ACL050PVC | 04 | A | Overmold Cable | 5m | PVC |
| PXPPNP08FIM04ACL075PVC | 04 | A | Overmold Cable | 7.5m | PVC |
| PXPPNP08FIM04ACL100PVC | 04 | A | Overmold Cable | 10m | PVC |
| PXPTPU08FIM04PCL010PUR | 04 | P | Overmold Cable | 1m | PUR |

Electrical

| | | | | | |
|--------------------------|---------------|-----|------|------|------|
| No. Contacts: | 3 | 4 | 5 | 6 | 8 |
| Current Rating: | 3A | 3A | 1.5A | 1.5A | 1.5A |
| Voltage Rating (ac/dc) : | 60V | 30V | 30V | 30V | 30V |
| Contact Resistance: | <10mΩ | | | | |
| Insulation Resistance: | >100MΩ | | | | |
| AC Breakdown Voltage: | 1.5KV | | | | |
| 3 Contacts | | | | | |
| 4 Contacts | 0.8KV | | | | |
| 5 Contacts | 0.8KV | | | | |
| 6 Contacts | 0.8KV | | | | |
| 8 Contacts | 0.8KV | | | | |
| Operating Temp Range: | -25°C to 80°C | | | | |

Mechanical:

| | |
|------------------------------|--|
| Locking Mechanism: | Screw coupling |
| Rating: | IP67 |
| Contact Accommodation: | 3, 4 & 5 Contacts 28AWG-22AWG |
| Contacts: | Terminations: |
| 3 Contacts | Flying Lead / PCB / Cable Screw / Solder |
| 4 Contacts | Flying Lead / PCB / Cable Screw / Solder |
| 5 Contacts | Flying Lead / PCB / Cable Screw / Solder |
| 6 Contacts | Flying Lead / PCB / Cable Screw / Solder |
| 8 Contacts | Flying Lead / PCB / Cable Screw / Solder |
| Mechanical Operation: | 500 Mating Cycles |
| Diameter over coupling ring: | 12.0mm |

Panel Mounting Connectors:

Cable Connectors:

Flex & Inline Connectors:

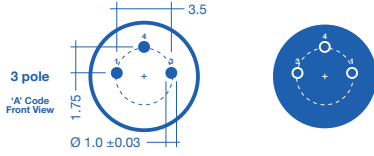
| | | | |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Body Material: | Nickel Plated Brass | TPU / PVC | Nickel Plated Brass / PA66 |
| Coupling Nut Material: | Nickel Plated Brass | Nickel Plated Brass | Nickel Plated Brass |
| Colour: | Grey | Black | Black or Grey |
| Plug Contacts Material: | Brass, Gold plating | Brass, Gold plating | Brass, Gold plating |
| Socket Contacts Material: | Phosphor Bronze, Gold plating | Phosphor Bronze, Gold plating | Phosphor Bronze, Gold plating |
| O Rings & Gaskets Materials: | Viton | Viton | Viton |
| RoHS: | Compliant | Compliant | Compliant |

| | | | | | | | |
|---------------|---|--------------------|--|------------------------|----------------------------|-------------|---|
| XXX | XXX | XX | XX | X or XX | XX | X | XX |
| Series | Material | Series Size | Body Style | Orientation | Contacts | Code | Termination |
| PXM | BNI = Brass Nickel PAM = Polyamide | 08 | FB = Flex Body FI = Inline Body | M = Male F = Female | 03 04 05 06 08 | A B P | ST = Screw Terminal PC = PCB FL = Flying Lead CL = Cable SC = Solder YT = Y-Type |
| PXP | TPU = overmold for PUR PVC = overmold for PVC PNP = LED PNP | | FP = Front Panel Mounting RP = Rear Panel Mounting RA = Right Angle TS = T-Splitter | T-Split = MM MF | | | T-Split Only = FIIFI FBIFB FBBFB |

| | | |
|---------------------|---|-----------------------|
| XXX | XXX | XXX |
| Mounting Nut | Lead Length | Cable Material |
| M8 M16 | 001 = 100mm 002 = 200mm 003 = 300mm 010 = 1m 020 = 2m 030 = 3m 050 = 5m 075 = 7.5m 100 = 10m 150 = 15m | PUR PVC |

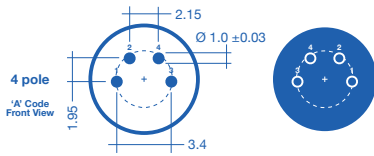
Contact Diagrams:

XXXXXXXXXXM03XXXXXXXXXX
XXXXXXXXXXF03XXXXXXXXXX



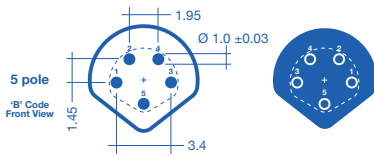
| P1 | PAIR | WIRE COLOUR | P2 |
|----|------|-------------|----|
| 1 | — | BROWN | 1 |
| 3 | — | BLUE | 3 |
| 4 | — | BLACK | 4 |

XXXXXXXXXXM04XXXXXXXXXX
XXXXXXXXXXF04XXXXXXXXXX



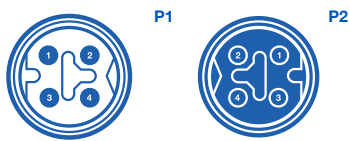
| P1 | PAIR | WIRE COLOUR | P2 |
|----|------|-------------|----|
| 1 | — | BROWN | 1 |
| 2 | — | WHITE | 2 |
| 3 | — | BLUE | 3 |
| 4 | — | BLACK | 4 |

XXXXXXXXXXM05XXXXXXXXXX
XXXXXXXXXXF05XXXXXXXXXX



| P1 | PAIR | WIRE COLOUR | P2 |
|----|------|-------------|----|
| 1 | — | BROWN | 1 |
| 2 | — | WHITE | 2 |
| 3 | — | BLUE | 3 |
| 4 | — | BLACK | 4 |
| 5 | — | GREY | 5 |
| 6 | — | PINK | 6 |

XXXXXXXXXXM04XXXXXXXXXXXXXX
XXXXXXXXXXF04XXXXXXXXXXXXXX




4 Plugs P-CODED

| P1 | PAIR | COLOUR | P2 |
|----|------|--------|----|
| 1 | — | YELLOW | 1 |
| 2 | — | WHITE | 2 |
| 3 | — | BLUE | 3 |
| 4 | — | BROWN | 4 |

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Click below to explore more details on WIN SOURCE:

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-  Shortage Management
-  Alternative Solution
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