



- ⊗ IP68 rated
- ⊗ IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k
- ⊗ USB version 2.0 performance
- ⊗ Plug and play capability
- ⊗ Visual mating indication
- ⊗ Shielded system
- ⊗ Single and double ended cables
- ⊗ Screw coupling
- ⊗ PCB versions
- ⊗ Dust and waterproof sealing when mated
- ⊗ Low and high speed bus connection, 1.5Mbps to 480Mbps
- ⊗ Hot pluggable, standard 4 pole interface
- ⊗ Alignment indicator reduces risk of damage during mating
- ⊗ High noise immunity and EMI protection
- ⊗ Suitable for PC and peripheral configuration
- ⊗ Secure, proven locking system
- ⊗ Direct mounting or via adaptor leads
- ⊗ EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

Sealed USB Cables - Single Ended

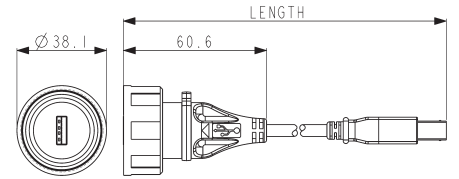


PX0840/A

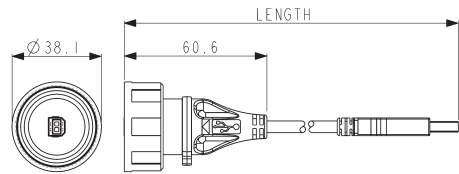


PX0840/B

- Single ended sealed cable assembly**
- IP68 'A' type USB connector to standard 'B' type USB connector, mates with all panel mount connectors
 - IP68 'B' type USB connector to standard 'A' type USB connector, mates with all panel mount connectors
 - Available in 2m, 3m and 5m lengths



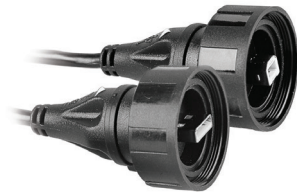
PX0840/A/xMxx



PX0840/B/xMxx

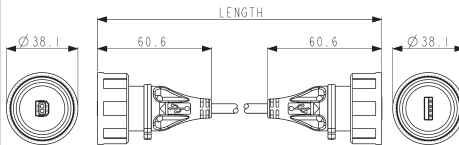
| Part no. | Length | Description |
|---------------|--------|--|
| PX0840/A/2M00 | 2m | IP68 A type USB to standard B type USB |
| PX0840/A/3M00 | 3m | IP68 A type USB to standard B type USB |
| PX0840/A/5M00 | 5m | IP68 A type USB to standard B type USB |
| PX0840/B/2M00 | 2m | IP68 B type USB to standard A type USB |
| PX0840/B/3M00 | 3m | IP68 B type USB to standard A type USB |
| PX0840/B/5M00 | 5m | IP68 B type USB to standard A type USB |

Sealed USB Cables Double Ended



PX0841/AB

- Double ended sealed cable assembly**
- IP68 'A' type USB connector to
 - IP68 'B' type USB connector
 - Mates with all panel mount connectors
 - Available in 2m, 3m and 5m lengths



PX0841/AB/xMxx

| Part no. | Length | Description |
|----------------|--------|------------------------------------|
| PX0841/AB/2M00 | 2m | IP68 A type USB to IP68 B type USB |
| PX0841/AB/3M00 | 3m | IP68 A type USB to IP68 B type USB |
| PX0841/AB/5M00 | 5m | IP68 A type USB to IP68 B type USB |

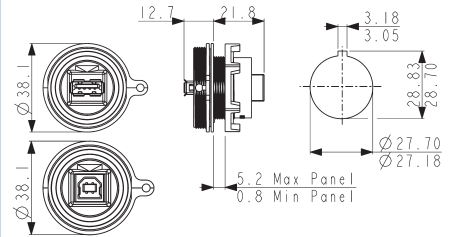
Front Panel Mounting Connector



PX0842/A

PX0842/B

- PX0842/A - USB 'A' type IP68 connector
- PX0842/B - USB 'B' type IP68 connector
- Opposite connector to rear of panel
- Mates with PX0840 and PX0841 cable connectors



Part no.

Description

PX0842/A
PX0842/B

IP68 A type USB, front panel mounted. Sealed A type at front of panel, standard B type at rear
IP68 B type USB, front panel mounted. Sealed B type at front of panel, standard A type at rear.

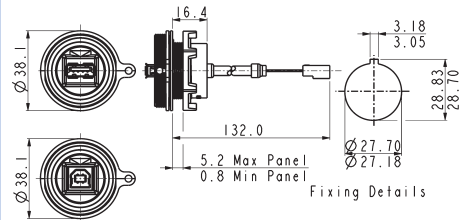
Front Panel Mounting Connector



PX0843/A

PX0843/B

- PX0843/A - USB 'A' type IP68 connector
- PX0843/B - USB 'B' type IP68 connector
- Leaded with 5 way crimp connector
- Mates with PX0840 and PX0841 cable connectors



Part no.

Description

PX0843/A
PX0843/B
PX0460/A
PX0460/B

IP68 A type USB, front panel mounted. Sealed A type at front of panel, 5 way crimp connector at rear.
IP68 B type USB, front panel mounted. Sealed B type at front of panel, 5 way crimp connector at rear.
As PX0843/A with exposed braid for use with PX0465 screening can
As PX0843/B with exposed braid for use with PX0465 screening can

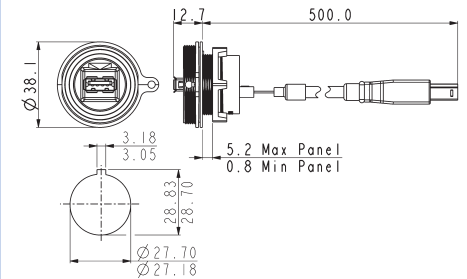
Front Panel Mounting Connector



PX0844/A

PX0844/B

- IP68 Sealed through panel
- PX0844/A - USB 'A' type IP68 connector
- PX0844/B - USB 'B' type IP68 connector
- Standard USB interface plug options to rear of panel
- 500mm standard cable length, other lengths available
- Mates with PX0840 and PX0841 cable connectors



Part no.

Description

PX0844/A/0M50/A
PX0844/A/0M50/B
PX0844/B/0M50/A
PX0844/B/0M50/B

IP68 A type USB, sealed through panel, Sealed 'A' type at front of panel, standard 'A' type at rear
IP68 A type USB, sealed through panel, Sealed 'A' type at front of panel, standard 'B' type at rear
IP68 B type USB, sealed through panel, Sealed 'B' type at front of panel, standard 'B' type at rear
IP68 B type USB, sealed through panel, Sealed 'B' type at front of panel, standard 'B' type at rear

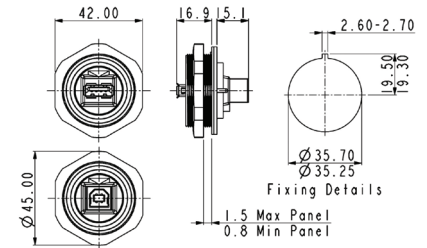
Rear Panel Mounting Connector



PX0848/A

PX0848/B

- PX0848/A - USB 'A' type IP68 connector
- PX0848/B - USB 'B' type IP68 connector
- Opposite connector to rear of panel
- Mates with PX0840 and PX0841 cable connectors



Part no. **Description**

| | |
|----------|--|
| PX0848/A | IP68 A type USB, rear panel mounted. Sealed A type at front of panel, standard B type at rear. |
| PX0848/B | IP68 B type USB, rear panel mounted. Sealed B type at front of panel, standard A type at rear. |

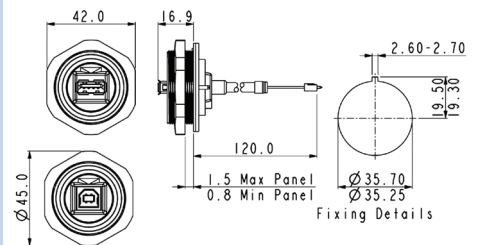
Rear Panel Mounting Connector



PX0849/A

PX0849/B

- PX0849/A - USB 'A' type IP68 connector
- PX0849/B - USB 'B' type IP68 connector
- Leaded with 5 way header
- Mates with PX0840 and PX0841 cable connectors



Part no. **Description**

| | |
|----------|---|
| PX0849/A | IP68 A type USB, rear panel mounted. Sealed A type at front of panel, 5 way header at rear. |
| PX0849/B | IP68 B type USB, rear panel mounted. Sealed B type at front of panel, 5 way header at rear. |

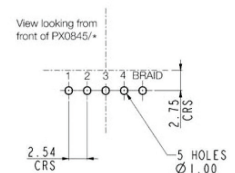
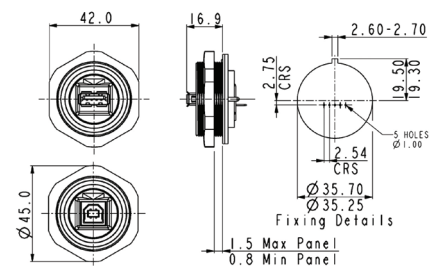
PCB Panel Mounting Connector- PCB Direct Mount



PX0845/A

PX0845/B

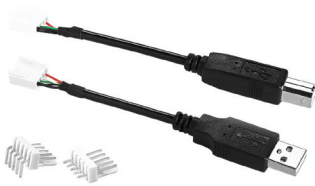
- PX0845/A - USB 'A' type IP68 connector
- PX0845/B - USB 'B' type IP68 connector
- PCB contacts at rear
- Direct PCB mount
- Mates with PX0840 and PX0841 cable connectors



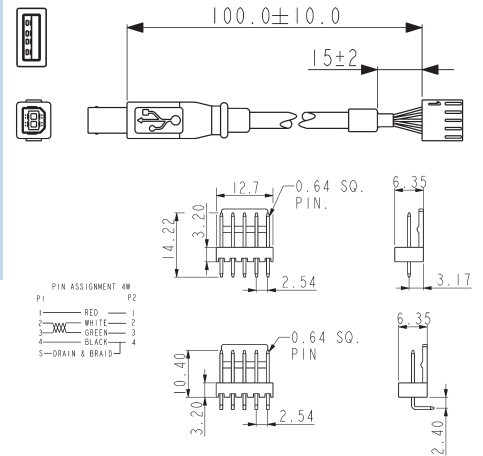
Part no. **Description**

| | |
|----------|--|
| PX0845/A | IP68 A type USB, rear panel mounted. Sealed A type at front of panel, direct mount PCB contacts at rear. |
| PX0845/B | IP68 B type USB, rear panel mounted. Sealed B type at front of panel, direct mount PCB contacts at rear. |

PCB Adaptor Leads



- Standard A and B type USB connectors to 5 way crimp adaptor leads
- 5 way headers, 2.54mm pitch, horizontal or vertical mounting



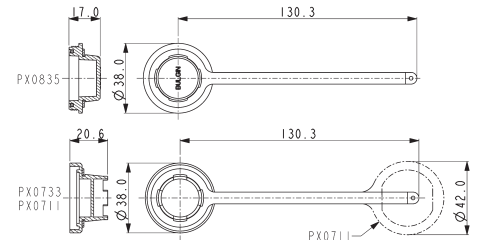
Part no. Description

| | |
|-------|---------------------------------------|
| 14193 | USB 'A' type to 5 way crimp connector |
| 14194 | USB 'B' type to 5 way crimp connector |
| 14191 | 5 way PCB header straight |
| 14192 | 5 way PCB header right angle |

Accessories



- Sealing caps to maintain IP68 rating when connectors are not in use
- PX0835 for cable connectors PX0840 & PX0841
- PX0733 for front panel mount connectors PX0842, PX0843 & PX0844
- PX0711 for rear panel mount connectors PX0848, PX0849 & PX0845



Part no. Description

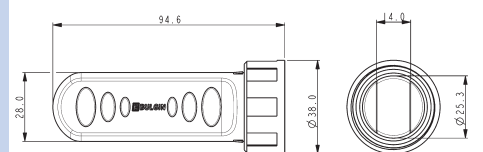
| | |
|--------|--|
| PX0835 | Sealing Cap for cable connectors (PX0840, PX0841) |
| PX0733 | Sealing Cap for front panel mounting connector (PX0842, PX0843) |
| PX0711 | Sealing Cap for rear panel mounting connector (PX0848, PX0849, PX0845) |

USB Flash Drive Cover



PX0852

- For use with USB Flash Drives
- Maintains IP68 rating when mated with panel connector
- For use with 'A' type connectors: PX0842, PX0843, PX0845, PX0848 & PX0849
- Internal accommodation 17.5 x 14.0 x 83mm approx.

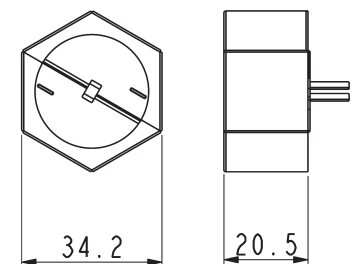


Screening Can



PX0465

- Maintains cable screening directly to panel
- Screening can clips around the panel fixing nut
- For use on PX0460/A and PX0460/B



Cables & connectors

| | |
|-----------------------|---|
| Mechanical | IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k |
| | IP68, EN60529:1992+A2:2013 (10m depth for 2 weeks) |
| Operating temperature | 0°C to +70°C |
| Salt Mist | EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1 |
| Electrical | |
| No. of poles | 4 |
| Current rating | 1A |
| Voltage rating | 30Vac (RMS) |
| Contact resistance | 30m Ω max. |
| Performance | USB version 2.0 |

Materials - Overmoulded

| | |
|---------------------|-------------|
| Overmould material | PVC (black) |
| Flammability rating | UL94V-0 |

Materials - Re-wireable and Panel Connectors

| | |
|-------------------------------|------------------------|
| Shell material | Steel |
| Shell plating | Nickel |
| Contact material | Copper Alloy |
| Contact plating | 30 micro inch Gold |
| Connector body & locking ring | Glass Loaded Polyester |
| Panel connector | Nylon 6 |
| Flammability rating | UL94V-0 |
| 'O' rings | Silicone |
| Panel Gasket - round | Silicone |
| Panel Gasket - square | Neoprene |
| Mating cycles | 1,000 |
| RoHS | Compliant |

Materials - cable

| | |
|--------------|---------------------|
| Cable Jacket | PVC (black) |
| Screen | Tinned copper braid |
| Flammability | UL94V-0 |
| RoHS | Compliant |

| Length: | Dia | Conductors Signal | Conductors Power |
|---------|-------|----------------------|---------------------|
| 2m | 4.8mm | 2 x 28AWG | 2 x 24AWG |
| 3m | 5.0mm | 2 x 28AWG | 2 x 22AWG |
| 5m | 5.2mm | 2 x 25AWG | 2 x 20AWG |

PCB adaptor leads

| | |
|--------------------|-------------|
| Electrical | |
| No. of conductors | 4 |
| Current rating | 1A |
| Voltage rating | 30Vac (RMS) |
| Contact resistance | <10m Ω max. |
| PCB pitch | 2.54mm |

Materials

| | |
|-----------------------|--------------------|
| Moulding | Polycarbonate |
| Flammability | UL94V-0 |
| Contact material | Copper Alloy |
| Contact plating | 30 micro inch Gold |
| Wire insulation | PVC (black) |
| Flammability | UL94-V0 |
| Conductors | 4 x 28AWG |
| Operating temperature | 0°C to +70°C |
| Mating cycles | 1,000 |
| RoHS | Compliant |

Cable construction - PX0840, PX0841