IP66, IP68 and IP69K rated
USB version 2.0 performance
Plug and play capability
Shielded system
Overmoulded cables

EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
Data rates up to 480Mbps
Secure, proven locking system
Tamperproof Construction
Colour coded O-rings & washers for easy identification purposes
Sealed Micro ‘B’ to Standard ‘A’

- Sealed Micro ‘B’ plug to Standard ‘A’ plug
- Available in 2, 3 & 5m lengths
- Plug variant mates with PXP4043

**Part No.**      **Length**      **Description**

PXP4040/B/2M00   2.0m          IP-sealed micro ‘B’ to Standard ‘A’ type USB
PXP4040/B/3M00   3.0m          IP-sealed micro ‘B’ to Standard ‘A’ type USB
PXP4040/B/5M00   5.0m          IP-sealed micro ‘B’ to Standard ‘A’ type USB

Rear Panel Mounting Connector

- Micro ‘B’ type
- Leaded with 5 way header
- Socket variant mates with PXP4040/B type cables

**Part no.**      **Description**

PXP4043          IP-sealed B type Micro USB, rear panel mounted. 5 way header connector at rear.

Accessories

- Sealing caps to maintain IP rating when connectors are not in use

**Part no.**      **Description**

PXP4081          Sealing cap for use with PXP4010 & PXP4040/B
PXP4082          Sealing cap for use with PXP4011
PXP4083          Sealing cap for use with PXP4013 & PXP4043

Gland Packs

**Part no.**      **Description**

PXP4088/0305     Pack of 4 pairs cable glands and collets to suit cables from 3.0 to 5.0mm diameter.
PXP4088/0507     Pack of 4 pairs cable glands and collets to suit cables from 5.0 to 7.0mm diameter.

O-ring & washer pack

**Part no.**      **Description**

PXP4089/YL       Yellow coloured O-ring and washer pack
PXP4089/BL       Blue coloured O-ring and washer pack
PXP4089/RD       Red coloured O-ring and washer pack
PXP4089/WH       White coloured O-ring and washer pack
PXP4089/GN       Green coloured O-ring and washer pack
## Cables & Connectors

### Mechanical
- **Sealing**
  - IP69K, DIN40050-9
  - IP68, EN60529:1992+A2:2013 (10m depth for 2 weeks)
- **Panel Mount Nut**
  - 1.0 - 1.1NM (91lb.in)
- **Operating temperature**
  - -40°C to +70°C
- **Salt Mist**
  - EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

### Electrical
- **No. of Contacts**
  - 4 and 5
- **Current rating**
  - 1A
- **Voltage rating**
  - 30V AC, 42V DC
- **Contact resistance**
  - 50m Ω max.
- **Performance**
  - USB version 2.0

### Materials - Re-wireable and Panel Connectors
- **Shell material**
  - Steel
- **Shell plating**
  - Nickel
- **Contact material**
  - Copper Alloy
- **Contact plating**
  - 50 micro inch Gold
- **Connector body & locking ring**
  - PC/PBT
- **Panel connector**
  - UL94V-0
- **Flammability rating**
  - Silicone
- **‘O’ rings**
  - UL94V-0
- **Matting cycles**
  - 1,000
- **RoHS**
  - Compliant

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

### Cable construction - PXP4040/B & PXP4043

<table>
<thead>
<tr>
<th>Length</th>
<th>Dia</th>
<th>Conductors</th>
<th>Conductors</th>
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<tbody>
<tr>
<td>2m</td>
<td>4.8mm</td>
<td>2 x 28AWG</td>
<td>2 x 24AWG</td>
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<td>5m</td>
<td>5.2mm</td>
<td>2 x 25AWG</td>
<td>2 x 20AWG</td>
</tr>
</tbody>
</table>

**Insulation**
- **SR-PVC**
- **HD - PE**

**Conductor**
- PVC Jacket
- Braid
- Insulation
- Drained Wire
- Insulation - Polyolefin