

# SubConn® Penetrator

## Water Blocked Right Angle

### Connector specifications

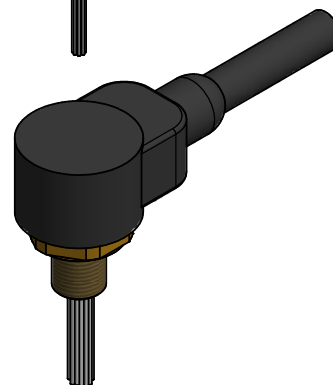
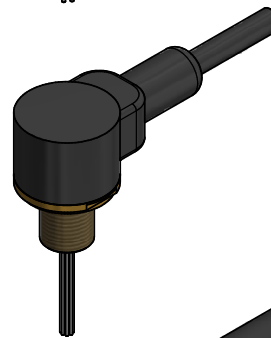
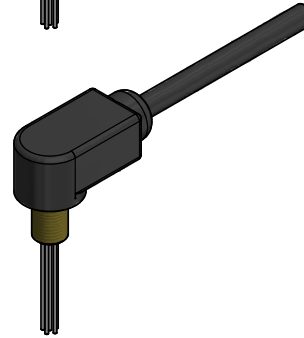
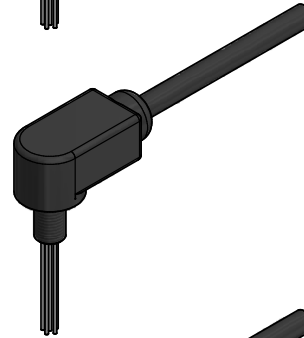
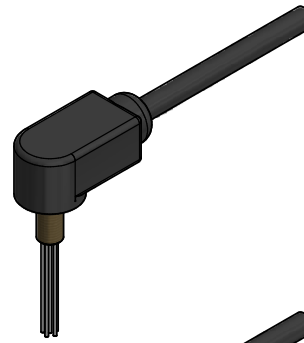
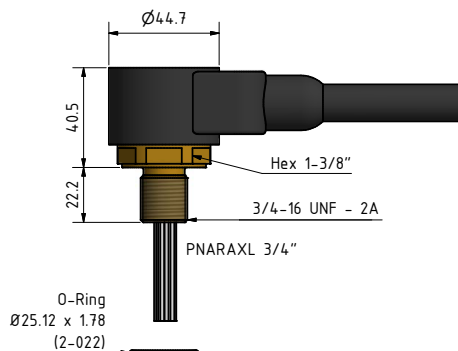
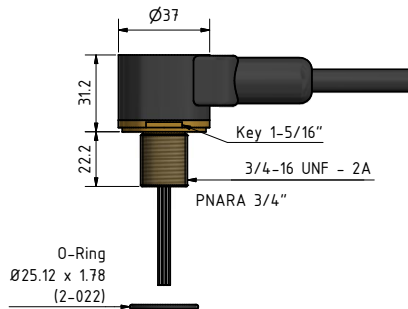
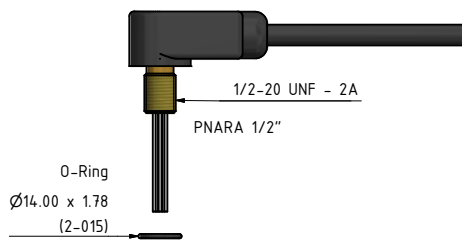
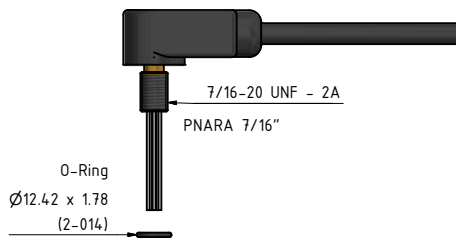
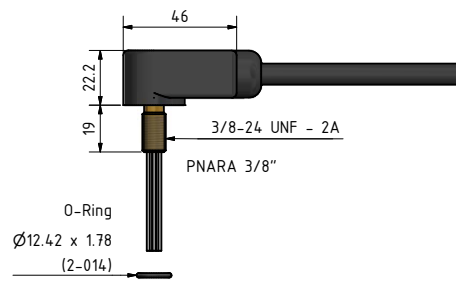
|                                  |                                        |
|----------------------------------|----------------------------------------|
| Voltage rating (all penetrators) | 300/600 V DC/AC rms (depends on cable) |
| Current rating                   | Depends on wire and conductor size     |
| Insulation resistance            | > 200 Mohm                             |
| Temperature rating (water)       | - 4 to 60°C, - 25 to 140°F             |
| Temperature rating (air)         | - 40 to 60°C, - 40 to 140°F            |
| Storage temperature rating       | - 40 to 60°C, - 40 to 140°F            |
| Qualified pressure tested        | 800 bar, 11,600 psi                    |

### Material specifications

|                                     |                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------|
| Penetrator body                     | Chloroprene rubber                                                                      |
| Penetrator metal part               | Brass, stainless steel                                                                  |
| Wire and conductor size             | 18 AWG, 0.82 mm <sup>2</sup> to 22 AWG, 0.33 mm <sup>2</sup> (depends on wire quantity) |
| Penetrator wire leads (30 cm, 1 ft) | PTFE                                                                                    |
| Cable outside diameter              | Depends on penetrator and cable type                                                    |
| O-rings                             | Nitrile                                                                                 |
| Inline cable length                 | Customer specified                                                                      |
| Inline cable type                   | Customer specified (SubConn® cables only)                                               |

### Inline cable colour code

Depends on corresponding SubConn® connector and cable type.



## Drawing information

Dimensions in mm (1 mm = 0.03937 inch)  
Threads in inches (1 inch = 25.4 mm)