

# SubConn® Penetrator

## Water-blocked Straight

### Connector specifications

Voltage rating	300/600 V DC/AC rms (depends on cable)
Current rating	Depends on wire and conductor size
Insulation resistance	> 200 MΩ
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

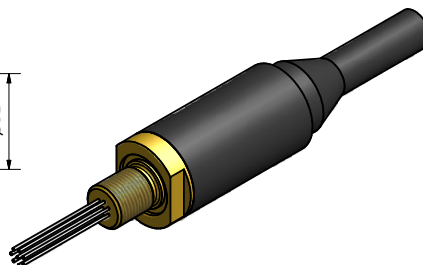
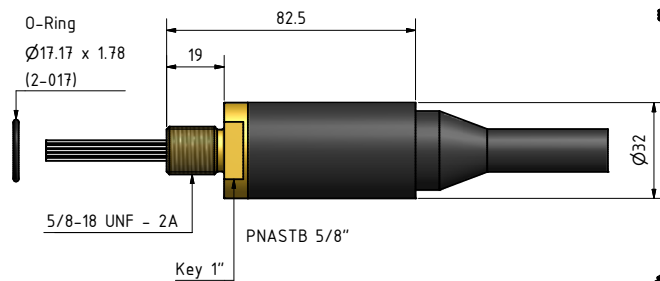
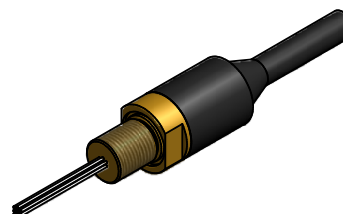
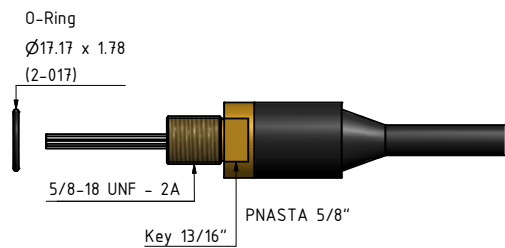
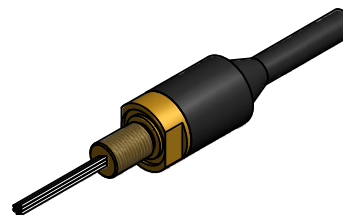
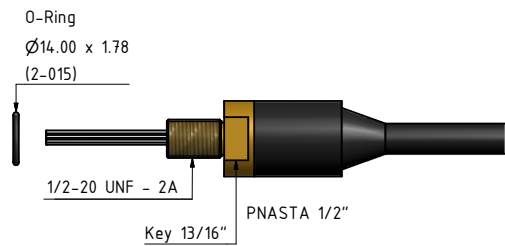
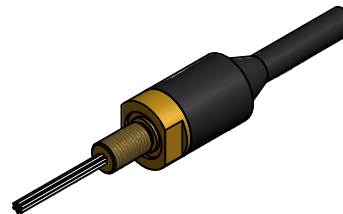
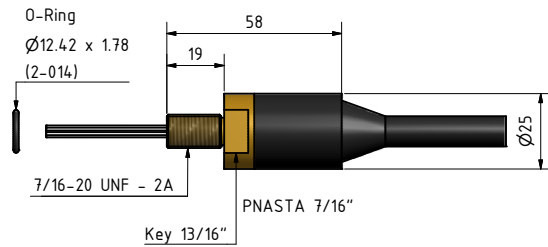
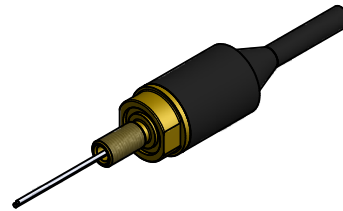
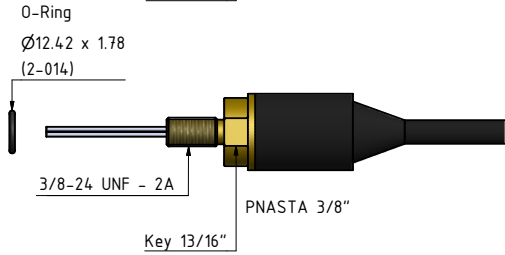
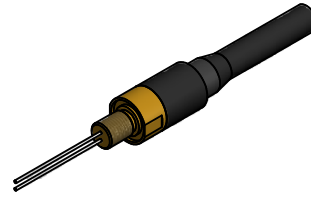
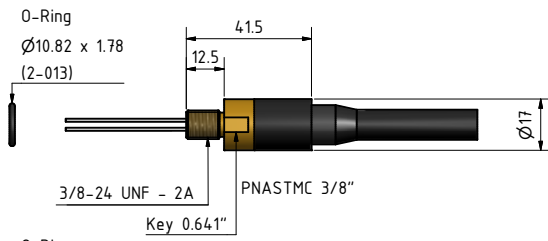
Penetrator body	Chloroprene rubber
Penetrator metal part	Brass, stainless steel
Wire and conductor size	18 AWG, 0.82 mm <sup>2</sup> to 22 AWG, 0.33 mm <sup>2</sup> (depends on wire quantity)
Penetrator wire leads (30 cm, 1 ft)	PTFE
Cable outside diameter	Depends on penetrator and cable type
O-rings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

### Cable colour code

Depends on corresponding SubConn® connector and cable type.

### Additional information

These items are not kept in stock but can be ordered according to the type of cable that needs to be terminated.



Subject to change without notice. Visit [MacArtney.com](http://MacArtney.com) for latest revision

**Drawing information**

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

**Cable and wire lead information**

Synthetic rubber cables – see page 141. Wire leads – see page 142.  
For recommended PUR cables, please refer to the Polyurethane cables section.