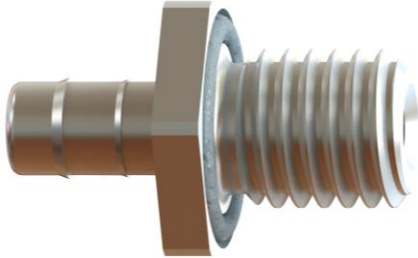


# Simple Penetrator SPN-110X

## Features



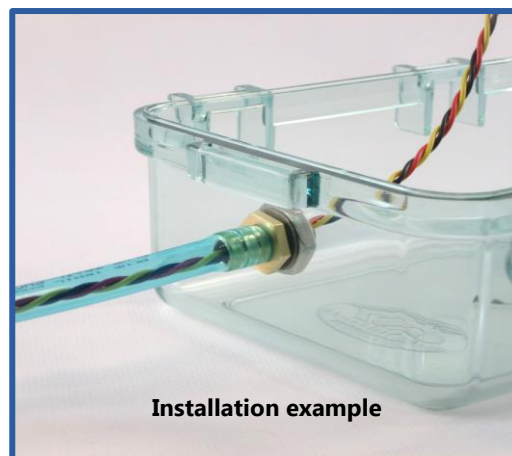
- Reliable, inexpensive bulkhead penetrator
- No potting required
- Compatible with Blue Trail Engineering polyurethane tubing
- Compact size
- Corrosion-resistant brass and anodized aluminum construction

## Description




The Simple Penetrator is the most affordable, simple, and reliable way to make a submersible electrical connection between two enclosures or devices. Simply install a Simple Penetrator on each enclosure or device and connect with a length of polyurethane tubing. The barbed portion of the Simple Penetrator reliably seals to the polyurethane tubing while the O-ring seals to the surface of the enclosure or device.

Any wire or cable of appropriate size, including a coaxial cable, can be passed through the Simple Penetrator and polyurethane tubing. Replacement of the wire or cable is as simple as pulling out the old one and replacing with a new one, without ever needing to remove the Simple Penetrator from the enclosure or device.

The Simple Penetrator is available in three versions and can be used with tubing ranging from 5/32" (4.0 mm) inner diameter to 1/4" (6.4 mm) inner diameter.



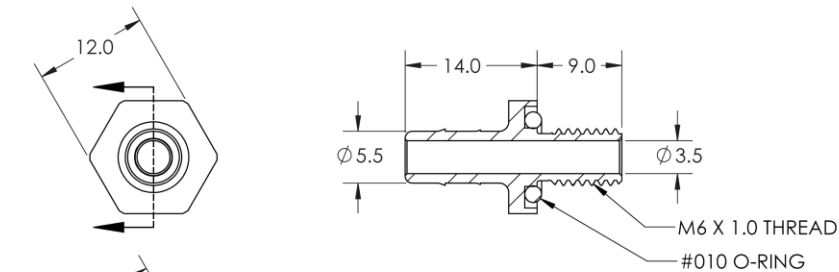
## Versions

Description	SKU	Thread size	Tubing compatibility	Image
Simple Penetrator, M6, 316 stainless steel	SPN-1103	M6 x 1.0	<ul style="list-style-type: none"> <li>• 8mm OD x 5mm ID Blue (TUB-1201)</li> <li>• 1/4" OD x 5/32" ID Black (TUB-1101)</li> </ul>	
Simple Penetrator, M10, 316 stainless steel	SPN-1104	M10 x 1.5	<ul style="list-style-type: none"> <li>• 8mm OD x 5mm ID Blue (TUB-1201)</li> <li>• 1/4" OD x 5/32" ID Black (TUB-1101)</li> </ul>	
Simple Penetrator, M10, brass	SPN-1101	M10 x 1.5	<ul style="list-style-type: none"> <li>• 3/8" OD x 1/4" ID Red (TUB-1301)</li> <li>• 8mm OD x 5mm ID Blue (TUB-1201)</li> </ul>	

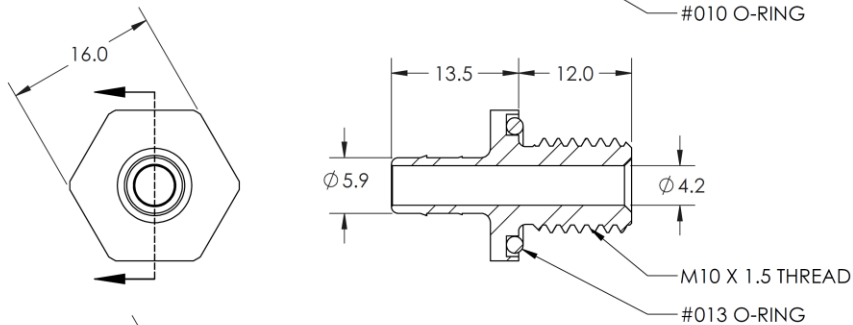
## Dimensions

All dimensions are in mm.

**SPN-1103**  
**M6 stainless**



**SPN-1104**  
**M10 stainless**



**SPN-1101**  
**M10 brass**

