

## Fiberoptic Connectors



Our partner company Souriau Connector Technologies has a pressurized watertight connector with 2- and 4- pole fiberoptic contacts in its product range and available right now.

Application depths down to 3000m are possible with this.



On the request of customers, this connector is also available for greater water depths .

This connector is suitable for holding multi-mode or mono-mode optical fibers. The contact areas are additionally protected by optical lenses. The attenuation when connected is thus < 1db.

The housing system of the familiar series M made by Souriau is used for this.

This ensures a high-quality connection at very deep diving depths. This can be seen in longstanding successful use in the most diverse areas of application.



### Technical Data

- Housing material: : Marine bronze
- Number of contacts: : max. 4
- Pressure tightness: : max. 300 bar when connected
- Temperature range : - 40 to +85°C
- Connection cycles: : 500
- Optical loss : < 1 dB



### Applications

- Continental transmission-line communication connections in underwater areas
- High-speed data lines
- Deep sea sensor systems
- Remote-controlled research instruments
- Sonar systems
- Diverse military locating and navigation systems

**We shall be pleased to help you in choosing suitable fiber-optic cables.  
We can also assemble specific cables for you.**

**Please feel free to contact us !  
Your JOWO – Systemtechnik Team.**

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