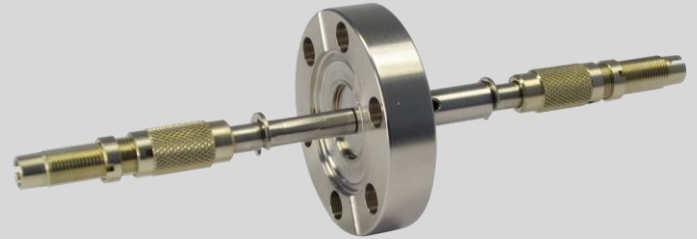


## Vacuum Feedthrough VD2002 / VD2004

**with DN16CF flange  
for fiber optic pyrometers series Metis**

with fiber diameter 0.2 or 0.4 mm



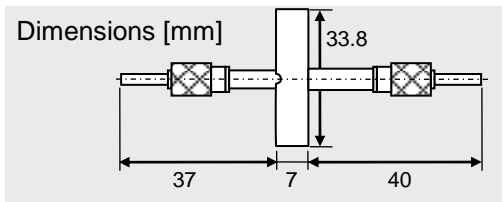
Ref. No.:	Description:
VD2002	Stainless steel vacuum feedthrough for 0.2 mm fiber with DN16CF flange incl. 2 x DIN socket (double sided, with lock against rotation) for fiber connection
LV0202	2.5 m fiber optic cable (0.2 mm diameter, 2 x DIN socket) to connect pyrometer with vacuum feedthrough
VD2004	Stainless steel vacuum feedthrough for 0.4 mm fiber with DN16CF flange incl. 2 x DIN socket (double sided, with lock against rotation) for fiber connection
LV0402	2.5 m fiber optic cable (0.4 mm diameter, 2 x DIN socket) to connect pyrometer with vacuum feedthrough

The vacuum feedthrough is used to seal the connection of two optical fiber ends inside and outside a vacuum vessel in order to allow measurements with a fiber optic pyrometers in vacuum.

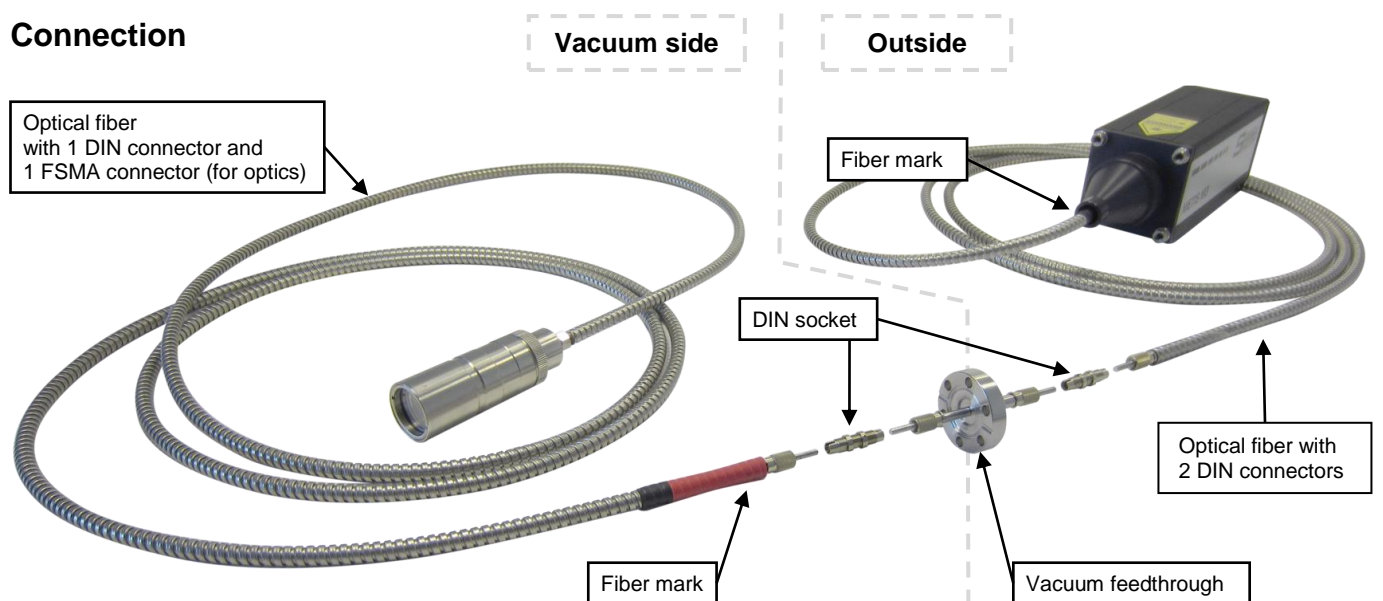
### Technical Data

Pressure	Vacuum pressure up to $10^{-6}$ mbar
Material	SS 316L
Mount	Standard flange DN16CF, 6 bore holes M4

**Note:** Optical fiber, vacuum feedthrough and lens are calibrated as an assembled unit and adjusted. When replacing one of the components the overall system must be recalibrated.



### Connection



Sensortherm reserves the right to make changes in scope of technical progress or further developments.