



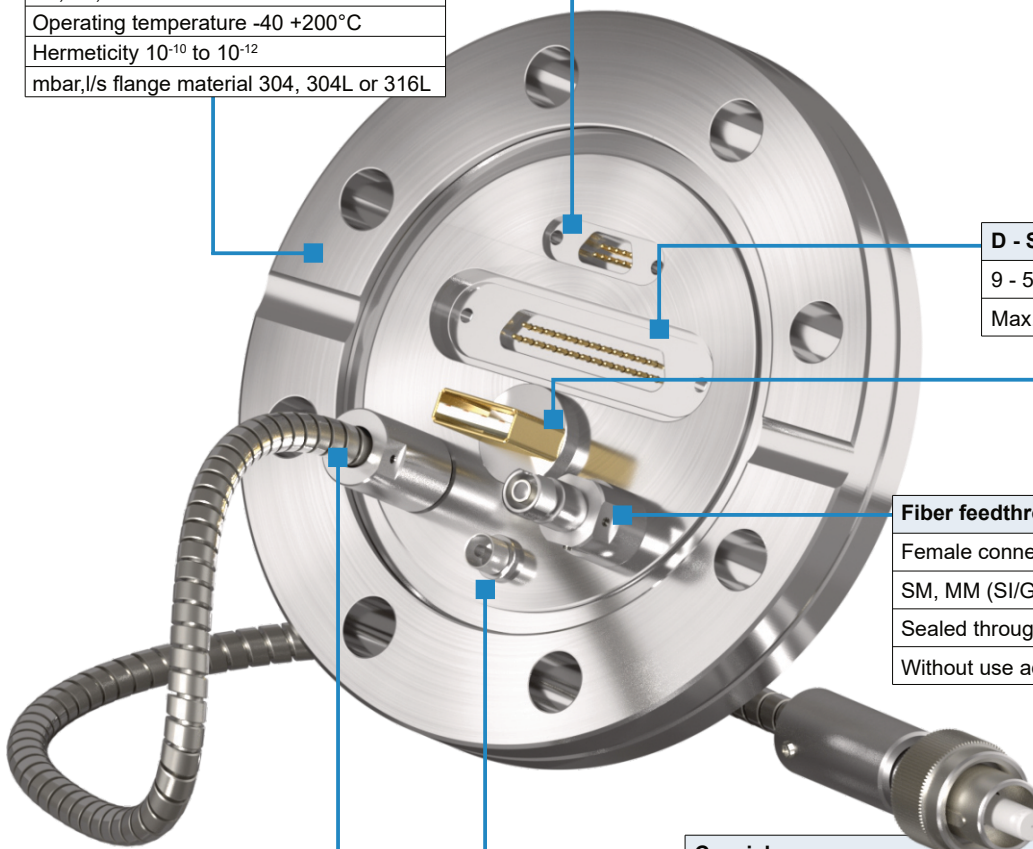
Hybrid Vacuum Feedthrough

Electrical and Fiber Optic Feedthrough in a Common Flange

- /// Customizable number and type of interfaces in the feedthroughs flange
- /// Custom production of hermetic feedthroughs and metal flanges
- /// Applicable in a wide range of ambient temperatures
- /// Designed for high and ultra high vacuum applications

Flange type & general parameters
CF, KF, ISO or custom
Operating temperature -40 +200°C
Hermeticity 10^{-10} to 10^{-12}
mbar,l/s flange material 304, 304L or 316L

Micro - D with plug connection
9 - 51 contacts (MIL-DTL-83513)
Max. 300V DC/2A per pin



D - Sub (pin/pin)
9 - 50 contacts (MIL-C-24308)
Max. 500V DC/3A per pin

USB (female/male)
USB 2.0 or 3.0
Max. 30V RMS/1A

Fiber feedthrough with adapter interface (female)
Female connector interface FC, ST, SMA 905
SM, MM (SI/GI), PM fiber
Sealed through o-rings into flange (easy replacement)
Without use additional mating sleeve / adapter

Coaxial
SMA, BNC, MHV, SHV Single
Double side connectors

Fiber feedthrough with pigtail interface
Connector interface FC, ST, SMA 905, LC, SC
SM, MM (SI/GI), PM fiber
Operating wavelength UV, VIS, NIR, IR (depends on sealed fiber)
Customized fiber length and fiber jacket

