



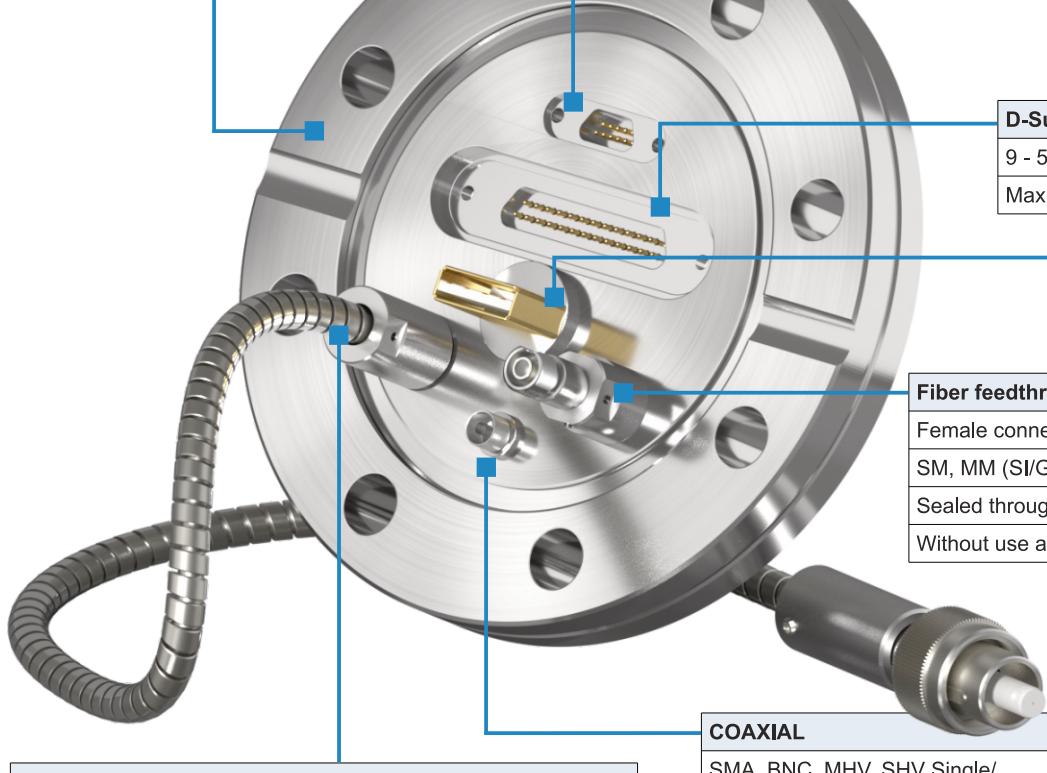
# Hybrid Vacuum Feedthrough

Electrical and fiber optic feedthroughs a common flange

- ⌘ Customizable number and type of interfaces in the feedthrough's 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                        |

