



Sub-D Feedthroughs

EN

NEW: Three Versions for Different Technical Requirements



- Proven and advanced versions: *basic*, *pro* and *extended*
- All shell sizes (9, 15, 25, 37, 50 contacts) available in all versions
- Also available as weldable feedthroughs

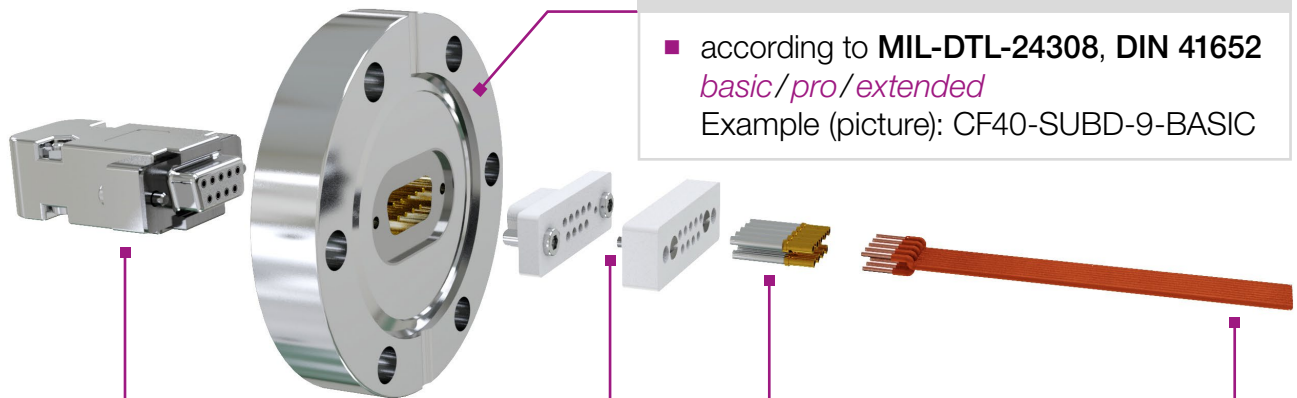


NICHTS ist unerreichbar.

Technical Data

	<i>basic</i>	<i>pro</i>	<i>extended</i>
■ Shell	316L SS	304 SS	316L SS
■ Dielectric	Glass	Glass-ceramic	
■ Contacts (Pin/Pin) (Gold-plated)	Nickel alloy	Stainless steel	Copper alloy
■ Operating Temperature	-200 °C to +200 °C	-269 °C to +250 °C	
■ Max. Bakeout Temperature	+230 °C	+350 °C	
■ Vacuum Pressure Range	1 · 10 ⁻⁴ mbar to 1 · 10 ⁻¹² mbar		
■ Helium Leak Rate	< 1 · 10 ⁻⁹ mbar · l/s		
■ Max. Continuous Current/Pin	3 A	5 A	30 A*
■ Max. Voltage	500 V DC/350 V AC		1000 V DC/750 V AC
■ Installation Dimensions	VACOM Standard**		Slim design**
■ Magnetic Materials	Yes	No	
■ Magnetizable		Marginal ($\mu_r < 1.3$)	No ($\mu_r < 1.1$)

Accessories



Sub-D Feedthroughs

- according to **MIL-DTL-24308, DIN 41652**
basic/pro/extended
Example (picture): CF40-SUBD-9-BASIC

Air side plugs (female)

- according to **MIL-DTL-24308, DIN 41652**
PLUG-SUBD-xx
xx = 9, 15, 25, 37, 50 contacts

Vacuum side plugs (female)

- **PPS*****
PLUG-SUBD-xx-P
- **Glass-ceramic**
PLUG-SUBD-xx-GC
- xx = 9, 15, 25, 37, 50 contacts

Socket crimp contacts

- for different wire sizes
EK-SUBD-F-AWG18
EK-SUBD-F-AWG22
EK-SUBD-F-AWG28

Vacuum suitable cables

- with Polyimide (Kapton®)-insulation
KAP-BAND-L-AWG18 (single stranded wire)
KAP-SUBD-xx-AWG22 (ribbon cable)
KAP-SUBD-xx-AWG28 (ribbon cable)
- xx = 9, 15, 25 single stranded wire

* The accessories are limiting the max. continuous current to 7.5 A per pin.

** For details please refer to our product drawings (available upon request)!

*** PPS (Polyphenylene sulfide) is a thermoplastic material similar to PEEK with a significantly better outgassing behaviour.