

Multipin feedthroughs *MPC2HV3*

Double-ended feedthroughs for high voltage



- High contact density – 10, 19 or 32 contacts on DN40 flange (KF or CF)
- High voltage up to 3 kV DC
- Double-sided plug connection with bayonet coupling
- Hermetically sealed with innovative metal-to-PEEK sealing
- Non-magnetic materials

Technical data:

■ Number of contacts	10, 19, 32 (3, 6 or 41 contacts on request)
■ Max. voltage	3 kV DC *
■ Max. current per contact	7.5 A
■ Material housing	Stainless steel 316L
■ Material contacts	Beryllium-copper alloy, gold-plated
■ Material insulation	PEEK
■ Magnetic material	No
■ Operating temperature	-40 °C to 200 °C
■ Max. bakeout temperature	250 °C
■ Leak rate	< 1E-9 mbar · l/s
■ Connection	Double-ended with bayonet coupling on both sides*
■ Installation	Without flange for welding On KF- / CF- flange Other flange types on request Special configuration on request

*) To apply a voltage of up to 3 kV DC, a PLUG-MPC2HV3-xx-P-CLG connector must be used on both sides!

Accessories

**Plug connector for air and vacuum side (PLUG-MPC2HV3-xx-P-CLG;
xx = number of contacts)**



Technical data:

■ Number of contacts	10, 19, 32
■ Max. current per contact	7,5 A
■ Max voltage	3 kV DC
■ Min. wire cross section	24 AWG
■ Max. wire cross section	20 AWG
■ Magnetic material	No
■ Application environment	Air and vacuum side