

PCB

Wire

Fluid

Signal

Triaxial

Optical

Coaxial

Twinaxial

Flex circuit

High power

High voltage

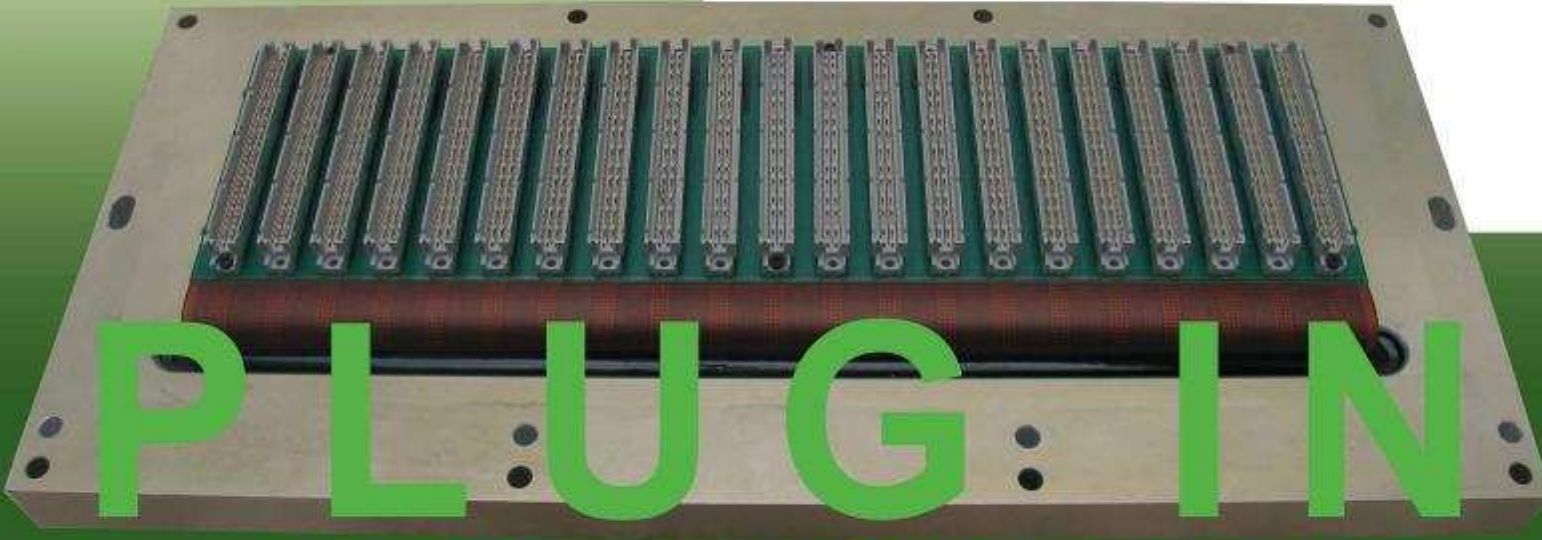
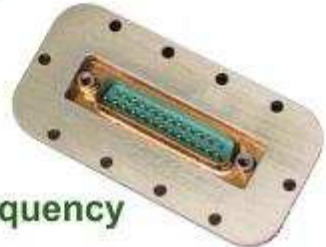
Thermocouple

Very high frequency

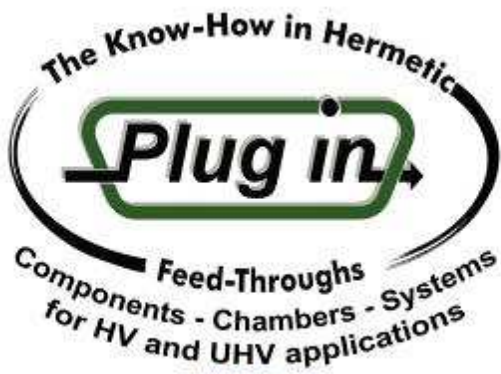
High torque mechanical

Feedthroughs by Plug In,

an expanding universe...



PLUG IN
VACUUM TECHNOLOGIES



High voltage 100kV pulsed 1 ns
Ceramic feedthrough



Invar satellite cover
Equipped with
4x D-SUB 50 glass sealed



Titanium/Titanium
glass sealed D-SUB 15
non magnetic feedthrough



ERVAC® modular Feedthrough
available with following connector types

D-SUB normal density, D-SUB high density, Mixed layout D-SUB, Micro-D, Thermocouples, BNC, BNO, TNC, SHV, MHV, SMA, SMB, SMC, PC3.5, N, K, RJ45, USB and Reynolds High voltage.



Custom Flange equipped with
4 x 14kV Reynolds
2 x BNC
4 x Circular connector
2 x 16 contact HE10 connector



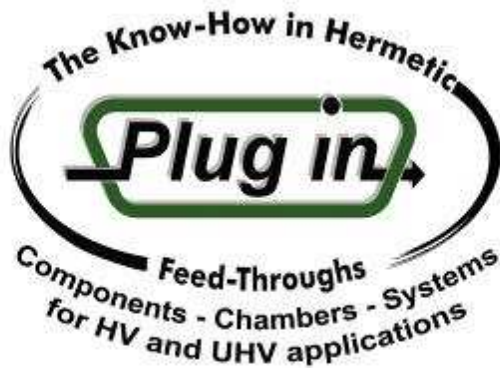
CF63 equipped
with a PCB insert



ISO K DN100 Equipped with
4 x 14kV Reynolds
4 x 3.5kV SHV
1 ERVAC50M/F-I-ND



**KF16 Flange equipped with
3 x thermocouple wires
and thermcouple connectors**



**CF160 Flange
equipped with
4 x 50 signal wired D-SUB connectors**



**ISO K DN250 flange
equipped with 3 x ERVAC
1 x KF25 Wire signal feedthrough
1 x KF40 Wire signal feedthrough**



**Special flange equipes
with 2 optical and
6 SMA Feedthroughs**

**CF40 Flange equipped with
3 x Triaxial wired connectors**



**Hermetic adapter
Vacuum side Circular
to Air side BNC**



**ISO K DN160 flange
equipped with
2 x Circular connectors**

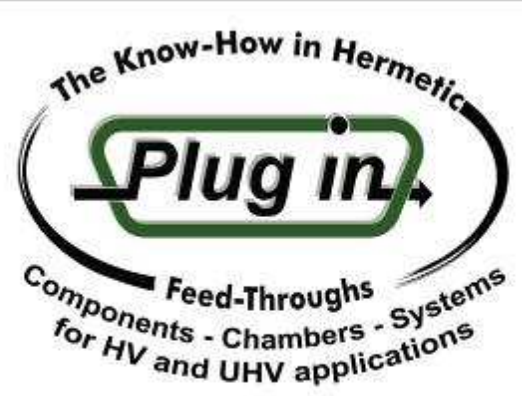
**ISO K DN100 flange
equipped with
2 x 7kV on ERVAC
4 x SHV feedthrough**



**Special flange
equipped with 3 x BNC ERVAC
2x D-SUB ERVAC
1 x KF25 Circular feedthrough
1 x KF40 Wired USB feedthrough**



**ISO K DN500 Flange equipped with
11 x 4x50D-SUB wired feedthroughs
2200 signals**



**Special flange equipped with
impedance controlled flex circuit
and 3 SMA feedthrough**

**Special flange equipped with
3 Full plastic power feedthroughs
and 2 MODUL-R**



**ISO F DN500 Flange equipped with
signal and power
ERVAC Modules**

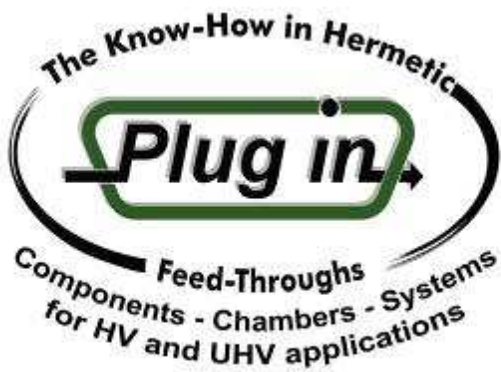


**Special feedthrough
2x µD 51 connector**

**Special
µD connector
feedthroughs**

**CF350 Flange equipped with
6x µD 120 connector feedthrough**





MODUL-R hermetic feedthrough range The unique of its kind for Mil-C-38999 and Mil-C-26482 connectors

With the MODUL-R range, Plug In offers an extensive array of hermetic connector feedthroughs and the ability to deliver standard or custom designed solutions to meet the highest requirements.

EMI Shielding - solid metal to metal coupling, grounding fingers, electroless nickel plating, and thicker wall sections provide superior EMI shielding capability of 65dB minimum at 10 GHz.

Contact Protection - recessed pins in this 100% scoop-proof connector minimize potential contact damage

Moisture Resistance - improved interfacial seal design helps prevent electrolytic erosion of contacts

Lockwiring Eliminated - unique, self-locking, quick coupling connector eliminates lockwiring

Quick Coupling - completely mates and self-locks in a 360° turn of the coupling nut

18 Shell sizes

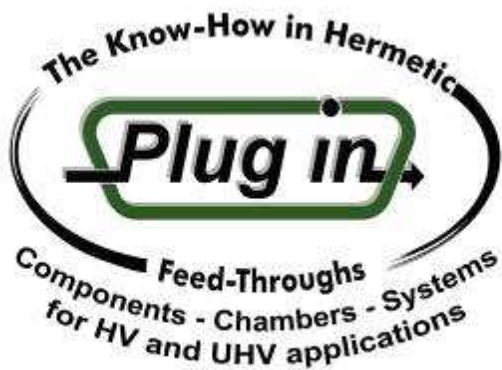
Nearly 100 different contact arrangements

1 to 128 contacts

5 contact sizes from 22 to 8



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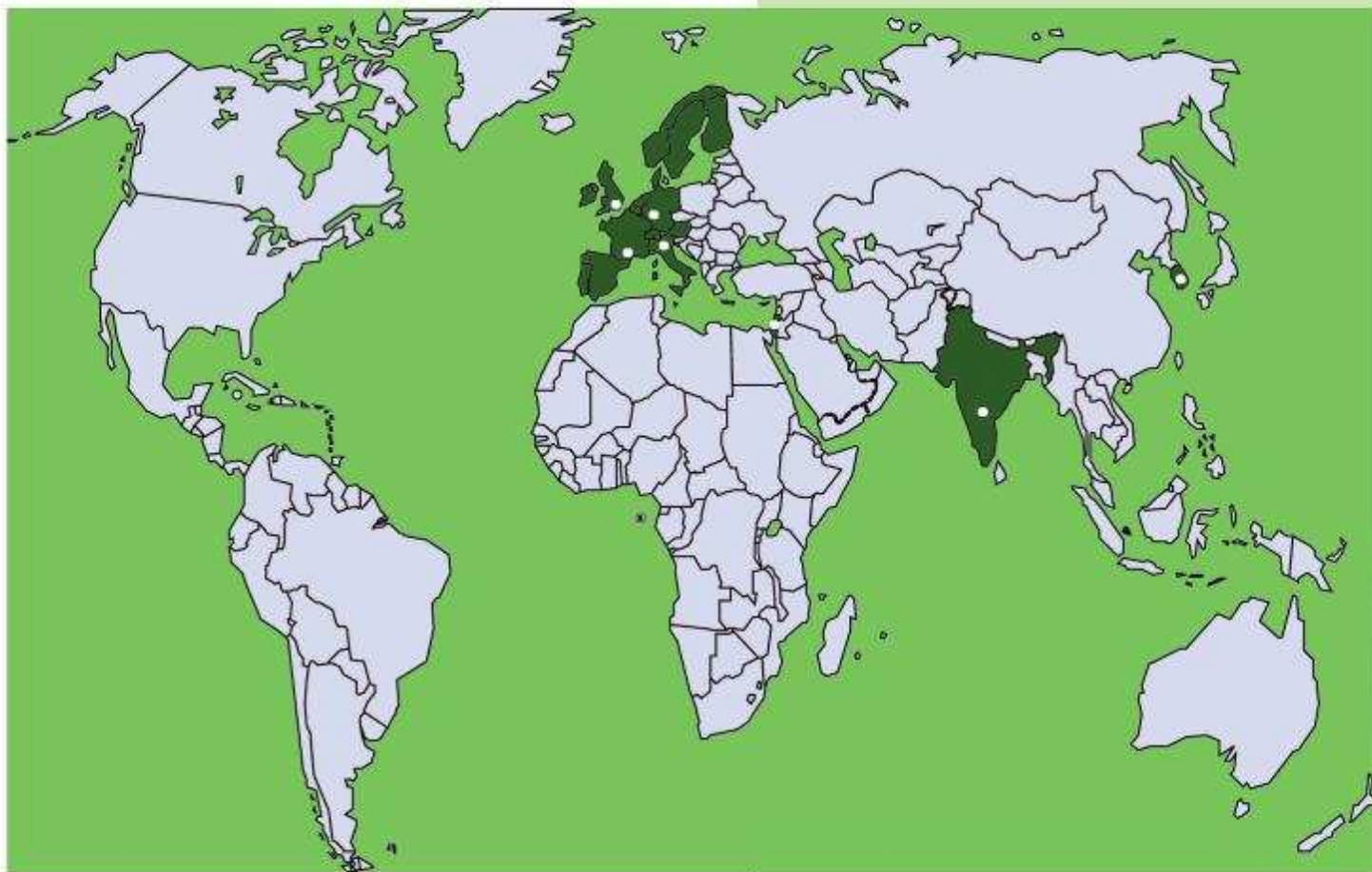
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