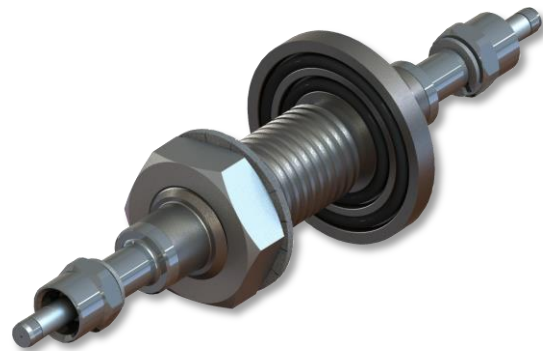


Description :

Hermetic Feedthroughs can be compared to a standard coupling part between two connectors. They are built with an internal fiber rod identical to the fiber used upstream and downstream for perfect matching of the optical characteristics of the line.

In addition M12 is qualified according to standard NF EN 60079-1 European ATEX Zone 2 Category 3 (d IIIG IIc) (Explosive environment)



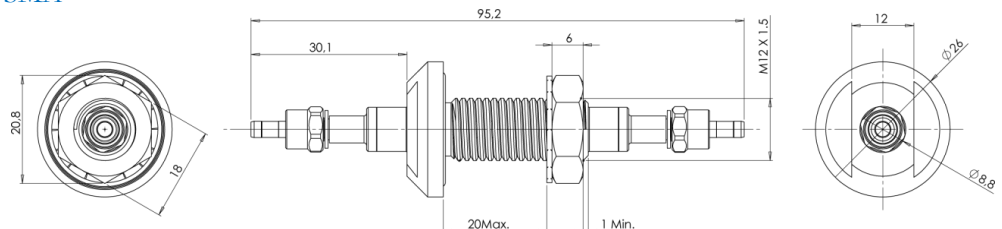
Technical Specifications :

		Comments
Material	Stainless steel 304L	-
Panel drilling diameter	12.2 mm 0/+0,3	-
Panel Thickness	max : 20 mm	-
Tightening torque	25 N/m max	-
Temperature	-40°C / +125°C	-
Storage max.temperature	200°C	-
Pressure	500 bars/125°C, 1000 bars/20°C	incursion 1000 bars/200°C
Certification ATEX	NF EN 60079-1 Category 3 Zone 2 (IIIG d IIc)	
Hermeticity	10 ⁻⁸ mbar.l/s	Helium Test, after 95°C/90% RH during 14 days, storage 125°C/14d,...
SMA Version		
Insertion Loss	< 3dB max. @ 850nm	Large core fibers
Fibers	Silica/Silica < 400µm core	> Fiber 400µm on request
FC/PC Version		
Insertion Loss	< 1dB max. @ 1550nm	0,3 dB typ. (fibre SMF28e @ 1550nm)
Fibers	Singlemode, PM Fibers, GI50/125, GI62,5/125, LCH50/125, LCH105/125	Large core fibers on request
FC/APC Version		
Insertion Loss	< 1,5dB max. @ 1550nm	0,7 dB typ. (fiber SMF28e @ 1550nm)
Fibers	Singlemode, PM Fibers, GI50/125, GI62,5/125, LCH50/125, LCH105/125	supplied with specific bulkhead

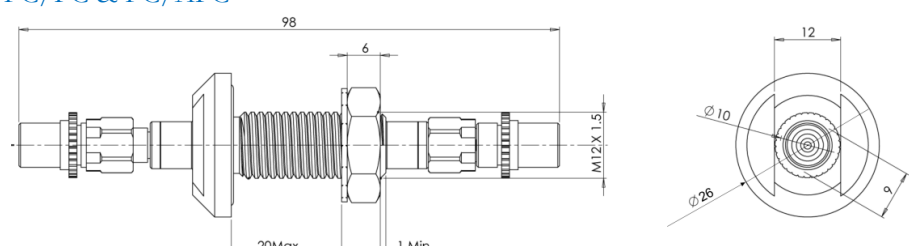
Applications:

- Hermeticity / Pressure
- Temperature
- Research
- Industrial
- Aero / Space

SMA



FC/PC & FC/APC



References:

- K-TRAV-SMA-M12-Fiber
- K-TRAV-FC-M12-Fiber
- K-TRAV-FCA-M12-Fiber