

HERMETIC SEALING – NEW ODU MINI-SNAP® RECEPTACLES

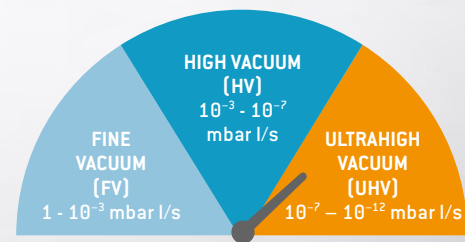
The requirements for the sealing of electrical transmission interfaces are strongly growing. They have increased from general dust and water tightness (IP rating) in industrial applications to high pressure tightness under water to now almost complete – **hermetic sealing**.

LEVELS OF SEALING REQUIREMENTS



HERMETIC SEALING

Hermetic sealing is required for example when a vacuum needs to be created in an enclosed area. Between different quality levels of hermetic sealing are distinguished: a.o. fine, high and ultra-high vacuums.



+ > 500 AUTOCLAVING CYCLES²

+ GLASS POTTING

tested helium leakage rate
< 10^{-9} mbar l/s



+ DATA TRANSMISSION

USB® 2.0¹, HDMI®¹, Ethernet

PLUG COMPATIBLE
with ODU MINI-SNAP® Series L

RECEPTACLE
Rear panel installation (screwtype)

5,000 MATING CYCLES

TEMPERATURE RANGE
-20 °C to +120 °C

TERMINATION TECHNOLOGY
Print

¹ The contact arrangement of an ODU data transmission connector differs from a standard data transmission connector due to the robust ODU specific design. However, the ODU design meets the electrical specifications of the respective standard data transmission protocol.