

# RJ45 Feedthroughs

High vacuum suitable feedthroughs for data transmission



- Weldable
- High vacuum suitable and temperature resistant
- Hermetic glass-ceramic-to-metal sealing
- Non-magnetic materials
- Compatible with standard RJ45 connectors

## Technical data

■ Material housing	304L SS
■ Material insulation	■ Internal: Glass-ceramic ■ RJ45 interface: 30 % glass filled PBT (UL94-V0)
■ Material contacts	■ Internal: Copper alloy ■ RJ45 interface: Phosphor Bronze gold plated
■ Operating temperature	-40 °C to 160 °C
■ Max. bakeout temperature	200 °C
■ Pressure range	Atmosphere to high vacuum ( $1 \cdot 10^{-7}$ mbar)
■ Helium leakrate	$< 1 \cdot 10^{-9}$ mbar · l/s
■ Connections	RJ45 (8P8C) female on both sides
■ Installation	■ Weldable ■ On KF- /ISO- /CF- /QCF-flange

## Applications

Operation of electrical devices with a RJ45 interface (e. g. web cam) in hermetically encapsulated environmental conditions (vacuum, elevated temperature, etc.)