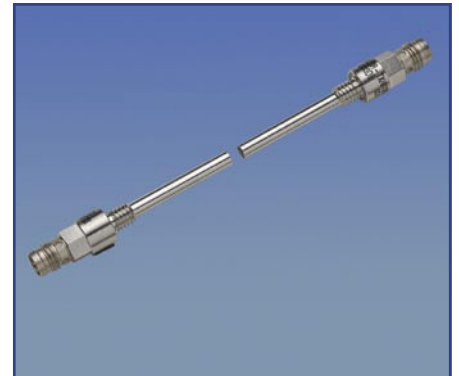


- ▶ Designed for high vacuum applications
- ▶ Screw-in attachment for installation in the walls of vacuum chambers
- ▶ VITON O-Ring seal
- ▶ Very high object resolution
- ▶ Approved, robust construction

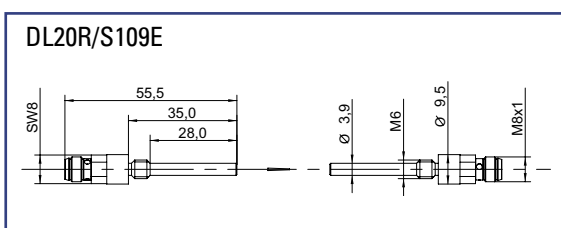


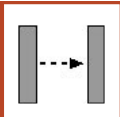
VACUUM THROUGH BEAM SENSOR
for separate amplifier

▶ TECHNICAL DATA

MODEL	DL20R/S109E
Light type	red 650nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	300mm
Connection type	M8 with connector
Dimensions	M6 mounting thread; total length 55,5 mm
Housing material	stainless steel
Mounting	screw-in attachment

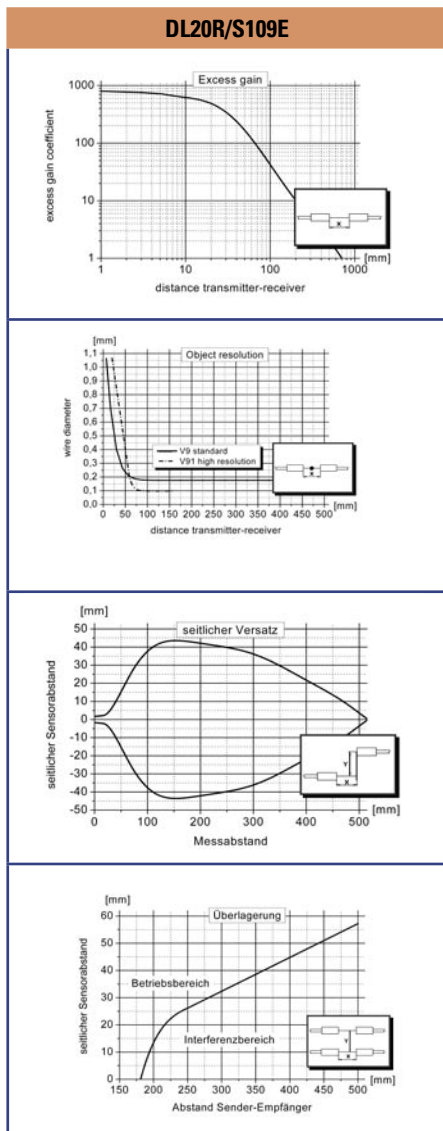
▶ DIMENSIONS Measurements in mm. Subject to technical change.





DL20R/S109E

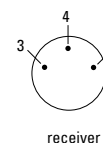
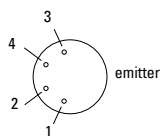
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

- 1 not connected
- 2 not connected
- 3 (red) LED +
- 4 (white) LED -

- 1 (green) FT-
- 3 not connected
- 4 (black) FT+



PART DESIGNATION

DL20R/S109E - 14

Please note, for correct operation, an adapter cable and a separate amplifier is required.