

Technical Product Manual

VDO cockpit vision VDO cockpit international

9. Electric Fuel Level Gauge (dia. 52 mm) (Fuel Level Sensor, Tubular Type)

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Installation instructions

999-161-020: VDO cockpit vision
999-161-018: VDO cockpit international

See file 'Installation Instructions (MA)'.

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9.2 Technical Data

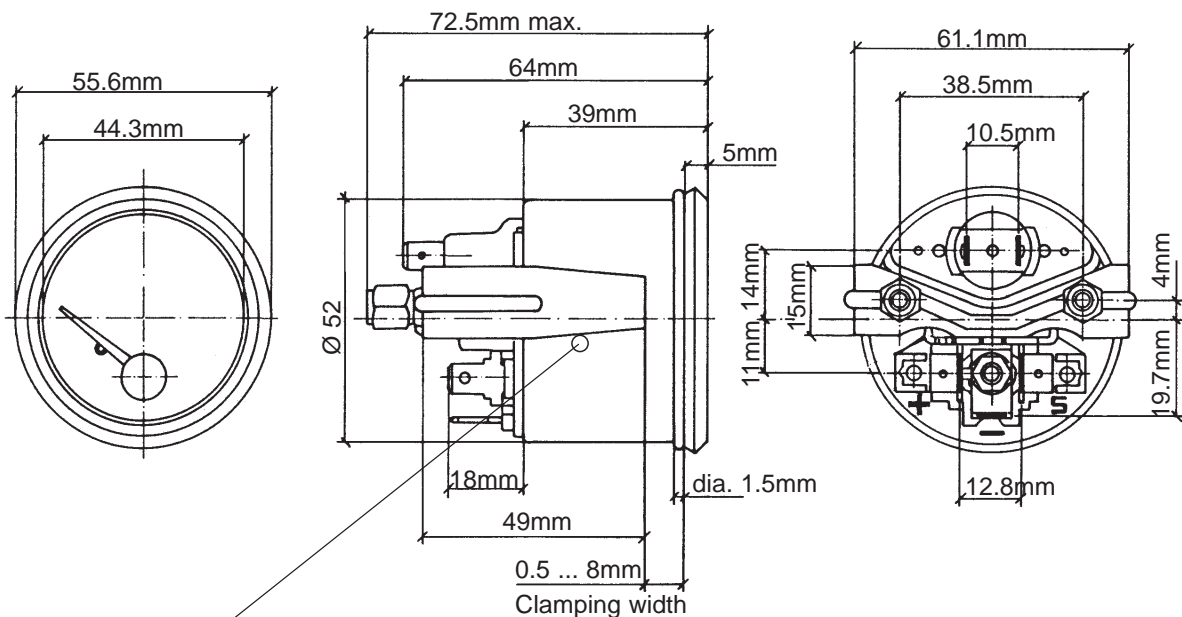
Operating voltage:	11 ... 16 V or 21.5 ... 30 V
Movement:	System Ke (90°)
Current consumption:	96 mA (without illumination)
Operating temp.:	- 30°C ... + 85°C
Storage temperature:	- 40°C ... + 90°C
Illumination:	1 light bulb 14 V, 3.4 W oder 24 V, 3 W
Protection:	IP64 DIN 40050 from the front reverse-polarity protection
Vibration resistance:	max. 1g eff., 25 ... 2000 Hz, duration 8 h, f: 1 octave/min.
Nominal position:	NL 0 to NL 90, DIN 16257

VDO cockpit international
dia. 52 mm Floodlight



Mounting hole: dia. 53mm

Sensor: tubular type
(not included)



Potentiometer
empty: 60Ω ... 90Ω sensor resistor

Pin assignment:

Pin +: + 12 V or + 24 V
terminal 15

Pin -: Ground, terminal 31

Pin S: Sensor