

Capacitive proximity switches respond to all solid and liquid materials and are mainly applied for scanning of non-metallic materials. For level control bulk materials and liquids are determined even through isolating materials.

up to +100 °C

The Sensor is suitable for higher ambient temperature by the increased temperature range.

Technical Data

Type	KKLT 055.28 GH
Art.-No.	1122A
Rated operating distance (Sn)	25 mm
Output	n.o. + n.c.
Operating distance adjustable	yes (1 - 40 mm)
Target steel St37 or water	75 x 75 mm
Location at metal	non flush
Supply voltage (UB)	10 - 35 V DC
Ripple voltage	< 10 %
Load current max.	0 - 250 mA
Short circuit protection	yes, pulsed
Voltage drop (Ud)	< 2 V
Residual current (Ir)	< 15 mA
Operating frequency (f)	50 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +100 °C
Protection class	IP 67*
Connection	2 m cable
Function display	LED
Housing material	plastic PTFE

*The protection class is complied with when the protection screw for the adjusting device is screwed in.

Diagram of Connections

