

Capacitive proximity switches respond to all solid and liquid materials and are mainly applied for scanning of nonmetallic materials.

For level control bulk materials and liquids are determined even through isolating materials.

Technical Data

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|-------------------------------|---------------------------------------|
| Type | KKH 020.05 G |
| Art.-Nr. | 1010C |
| Rated operating distance (Sn) | 20 mm |
| Output | normally open |
| Operating distance adjustable | yes |
| Target steel St37 or water | 60 x 60 mm |
| Location at metal | not embedded |
| Supply voltage (UB) | 20 - 260 V AC/DC |
| Power frequency | 40 - 440 Hz |
| Ripple voltage | max. 15 % (DC) |
| Load current max. | 5 - 400 mA |
| Short-time load current | 2 A / 10 ms 0.8 A / 100 ms |
| Short circuit protection | yes, pulsing |
| Residual current (Ir) | 1.7 mA / 260 V AC 1.0 mA / 24 V DC |
| Voltage drop (Ud) | 9 V |
| Operating frequency (f) | 25 Hz |
| switching hysteresis (H) | 1 - 15 % |
| Ambient temperature | - 20 to + 70 °C |
| Protection class | IP 65 |
| Connection | 2 m cable |
| Function display | LED |
| Housing material | plastic |

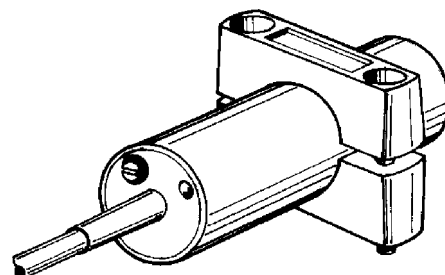


Diagram of Connections

