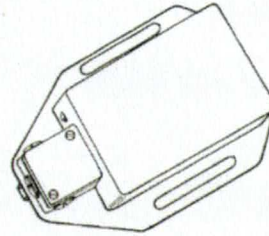


Short circuit protected proximity switch with terminal chamber and convertible cable input for M16 cable hose screwing 5/16".

4-wire connection with PNP normally open and normally close output and Proxi-Teach function

The sensor recognises the existing installation conditions after the key is pressed, and adjusts the operating distance optimally.

Teach - In  
Funktion



### Technical Data

Type	IKQR 100T.38 MG
Art.-No.	2065S
Rated operating distance (S <sub>n</sub> )	100 mm
Output	PNP n. o. + n. c.
Operating distance adjustable	Teach In*
Target steel St37, 1mm thick	150 x 450 mm
Location at metal	Non flush
Supply voltage (U <sub>B</sub> )	10 - 80 V DC
Ripple voltage	max 15 %
Load current max.	0 - 400 mA
Short-time load current	2 A / 10 ms 0,8 A / 100 ms
Short circuit protection	yes, pulsing
Voltage drop (U <sub>d</sub> )	< 2 V
No-load current (I <sub>0</sub> )	< 10 mA
Switching frequency (f)	50 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +80 °C
Protection class	IP 67** (terminal chamber IP 65)
Connection	Terminal chamber with M16 / 5/16" cable hose screwing
Function display	Duo LED red / green
Housing material	Plastic PBT with Al assembly plate

\* The teach-in function enables usage under non-standard conditions such as, for example, partly flush installation. For further setting information see PIA002

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

### Diagram of Connections

