

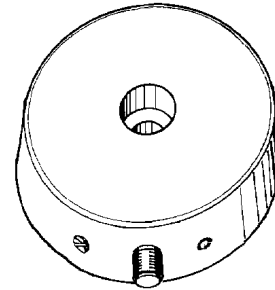
Proximity switches of series IKM offer large switching distances at small size. Thanks to the characteristic fastening by means of one plastic screw only mounting is quickly done.

Heavy pushes or knocks result in shearing of the screw and can thus prevent destruction of the sensor.

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
Function



Technical Data

Type	IKM 070T.38 GS4
Art.-No.	2021K
Rated operating distance (S _n)	70 mm
Output	PNP normally open + normally close
Operating distance adjustable	Teach - In*
Target steel St37, 1mm thick	210 x 210 mm
Location at metal	non flush
Supply voltage (U _B)	10 - 55 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
No-load current (I ₀)	< 10 mA
Voltage drop (U _d)	< 2 V
Operating frequency (f)	50 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 67**
Connection	plug S4 (M12 x 1)
Function display	LED
Housing material	plastic PBT
Nylonscrew M 12x70 for reorders:	included in the delivery Art.-No. 9833A
Accessories (please order separately)	Art.-No.
Suitable angular connector with moulded 2 m connection cable	9841D

*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 adjusting device is screwed in.

Diagram of Connections

