

Short circuit protected proximity switch for
10 - 55 V DC with water cooling housing.

4-wire connection with PNP normally open
and normally close output.

*with
cooling
jacket*

Technical Data

Type	IKB 080.38 G
Art.-No.	2485A
Rated operating distance (S _n)	80 mm
Output	PNP n.o. + n.c.
Operating distance adjustable	no
Target steel St37, 1 mm thick	240 x 240 mm
Location at metal	non flush
Supply voltage (U _B)	10 - 55 V DC
Ripple voltage	< 15 %
Load current max.	0 - 400 mA
Short- time load current	0,8 A / 100 ms 2 A / 10 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 (without cooling)
Protection class	IP 67
Connection	2 m POKT-Therm cable up to +175 °C (optional teflon cable up to +260 °C)
Function display	no
Housing material	PTFE (Teflon) up to +260 °C / brass
Water flow rate	about 1l / min

Diagram of Connections

