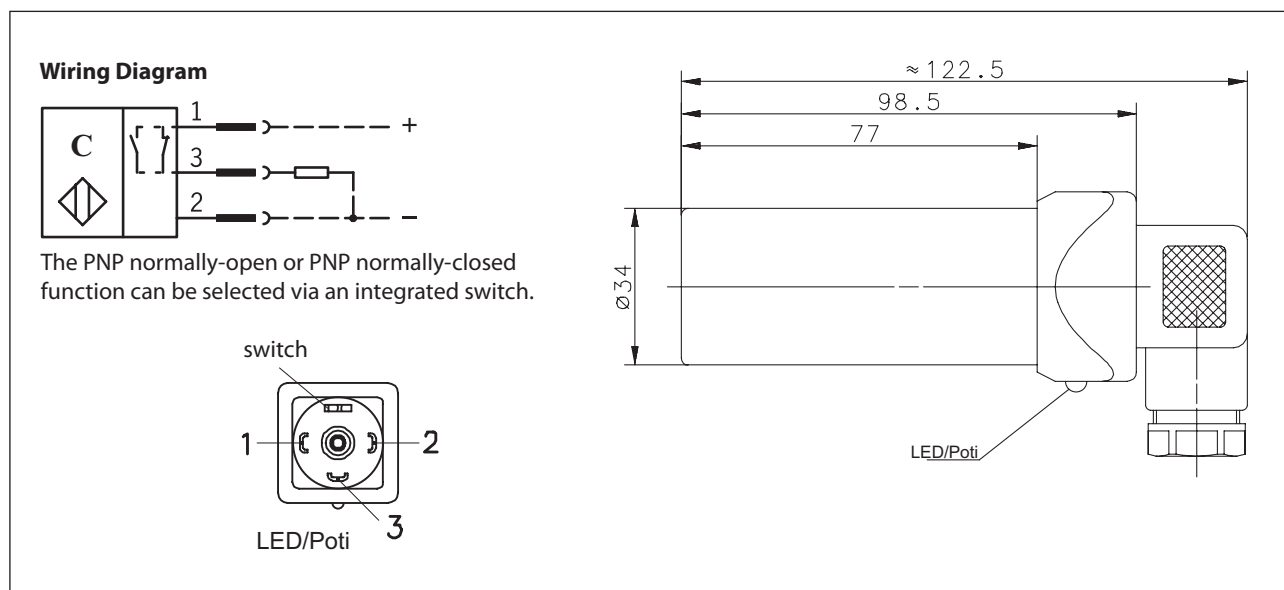


Capacitive Proximity Switch Series R34

Description **KCN-R34PP/030-KLPSD**

Article number **6507915002**



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Rated operating distance	S_n	30 mm (adjustable)
Target		90 mm x 90 mm, t = 1 mm; Material: FE360
Real sensing distance	S_r	27 ... 33 mm
Assured operating distance	S_a	6 ... 24,3 mm
Switching element function		programmable, DC
Repeat accuracy	R	≤ 10 %
Differential travel (hysteresis)	H	≤ 20 %
Operational voltage range	U_B	10 - 60 V DC
Rated insulation voltage	U_i	75 V DC
Rated impulse withstand voltage	U_{imp}	500 V
Voltage drop	U_d	< 3 V
Utilization category		DC-13
Rated operational current	I_e	400 mA
Off-state current	I_r	≤ 0,5 mA
No-load supply current	I_o	≤ 20 mA
Switching element		Permanent overload and s.c.p.
Short-circuit protection		pulsed
Frequency of operating cycles	f	≈ 25 Hz
Mounting		non flush
False polarity protection		yes
Time delay before availability	t_v	≤ 50 ms

Mechanical Data	
Enclosure	PBT, red
End cap	PA 6, black
Ambient air temperature	-25 °C ... +70 °C (plug: -30 °C +120 °C)
Type of protection	IP65 (only in fully locked position with it's plugs)
Pollution degree	3 (Pollution of the active zone can cause impairments of the operating distances.)
Indication	LED yellow
Termination type	Connection in dependence on DIN EN 175301-803

EU Conformity	
acc. to directive 2014/30/EU (EMC-Directive)	