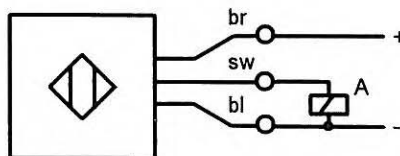


Circuit:



br = brown
sw = black
bl = blue

Electrical Characteristics:

Supply voltage range (V_B) 10 V to 30 V DC
Ripple voltage 10 %
Current consumption active < 1 mA
passive < 10 mA
Load current (I_L) max. 200 mA
Reverse polarity protection yes

Operating Characteristics - electrical:

Output saturation voltage < 2 V @ 200 mA
Repetition rate of sensing max. 800 Hz
Output voltage rise > 2 V/ μ s
Operating time 100 %
Short circuit protection pulsating
Output function PNP - NC
Other switching characteristics are available on inquiry.

Operating Characteristics - mechanical:

Nominal sensing distance (S_h) 2,5 mm
Hysteresis typ. 0,1 mm
Reproduceability < 0,01 mm
Cable Resin sealed PVC cable 3×0,14²

Environmental Characteristics:

Housing material PA
Sensing distance temperature drift < 4 μ m/K
Operating temperature range -30°C to +70°C
Seal IP67 iaw DIN 40 050
EMC iaw EN 50082 - 2 and EN 55011

1999	Date	Name	mm	Scale	KUJUNG Elektrotechnik - GmbH & Co KG D - 72218 Wildberg	Order-Sign:
Design	22.02.	Kullick		1:1		L408.2115.25
Check			General Tolerances			
Appro			DIN ISO 2768 mK			01 018 863