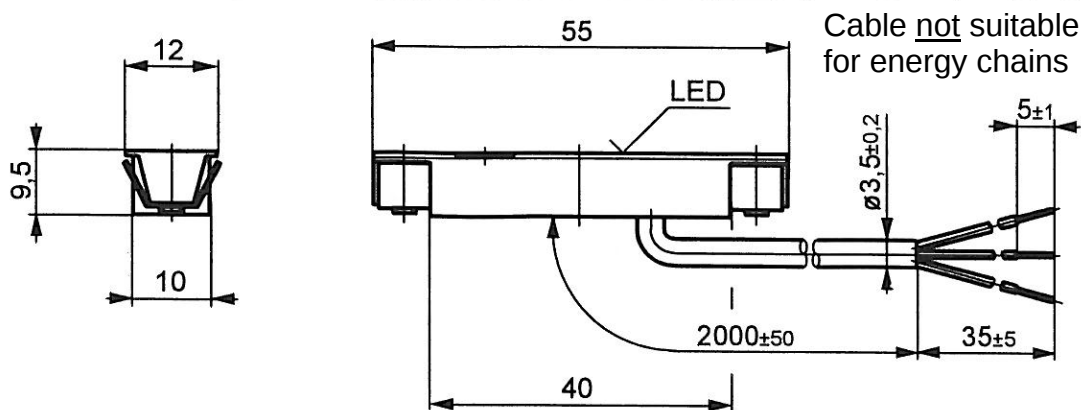
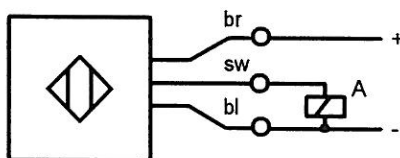




Circuit:



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 < 10 mA
 passive < 1 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 - NO
 Other switching characteristics are available on inquiry.

Operating Characteristics - mechanical:

Nominal sensing distance (S_N) 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		Order-Sign:
Design	22.02.	Kullick		1:1		L408.2117.25
Check		<i>[Signature]</i>		General Tolerances	Elektrotechnik - GmbH & Co KG	
Appro				DIN ISO 2768 mK	D - 72218 Wildberg	01 018 867