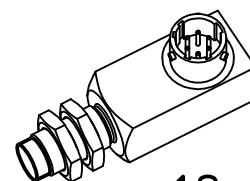
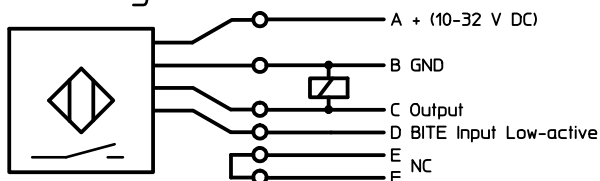


Circuit Diagram



1:2

**Electrical Characteristics**

Supply voltage range (V <sub>B</sub> ) .....	10 to 32 V DC
Ripple voltage .....	10 %
Current consumption active .....	< 15 mA
passive .....	< 1 mA
Load current (I <sub>L</sub> ) .....	100 mA
Reverse polarity protection .....	yes

**Operating Characteristics - electrical**

Output saturation voltage (U <sub>P</sub> ).....	<2 V @ 100 mA
Repetition rate of sensing (f) .....	max. 1000 Hz
Operating time .....	100 %
Short circuit protection .....	pulsating
Output function .....	PNP-NO

**Operating Characteristics - mechanical**

Nominal sensing distance (S <sub>N</sub> ) .....	4 mm ±10%
Hysteresis .....	typ. 0,15 mm
Reproduceability .....	< 0,01 mm
Connection .....	Socket 8525-IH10B6PN (Framatome)

**Environmental Characteristics**

Housing material .....	stainless steel (Material-number: 1.4571)
Active switching area .....	Ceramic
Operating temperature range .....	-40°C to +80°C
Seal .....	IP 67 iaw IEC 60 529
Conducted susceptibility .....	LF07G iaw VG 95 370-14, Limit class 2
Electrical systems for vehicles .....	iaw VG 96 916 T5, VG 95 373 LA01G BB EP6
EMC .....	iaw EN 61 000-4-2 and EN 61 000-4-4
NEMP .....	iaw VG 95 371 Part 10, Emax=50 kV/m

in preparation

	Date	Name	mm	Scale	Drawing No:
Drawn	23.07.2007	Stock	→	1:1	LK12.2135.4
Check	21.10.2015	Stock	General Tolerances DIN ISO 2768 mK		NSN: 5930-12-396-6772

