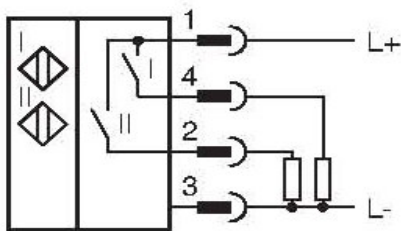


TECHNICAL DATA

General specifications:

Switching function:		2 x normally open (NO)
Rated operating distance:	s_n	4 mm
Installation		flush mountable
Output polarity:		DC
Assured operating distance	s_a	0 ... 3,24 mm
Reduction factor rAI		0,5
Reduction factor rCu		0,4
Reduction factor rV2A		1
Reduction factor rSt37		1,1

Connection:



Mechanical specifications

Connection type:	Connector plug M12 x 1 , 4-pin
Housing material:	PBT
Sensing face	PC
Degree of protection:	IP67
Tightening torque, fastening screws	M5 x 25 : 2,7 Nm
Note	Mounted on mechanical drive

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Nominal ratings:

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	0 ... 1000 Hz
Hysteresis	H	typ. 5 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_v	≤ 2,5 V
Operating current	IL	0 ... 200 mA
Off-state current	Ir	0 ... 0,5 mA typ. 0,1 µA bei 25 °C
No-load supply current	I0	≤ 22,5 mA
Operating voltage indicator		LED, green
Switching state indicator		LED, yellow

