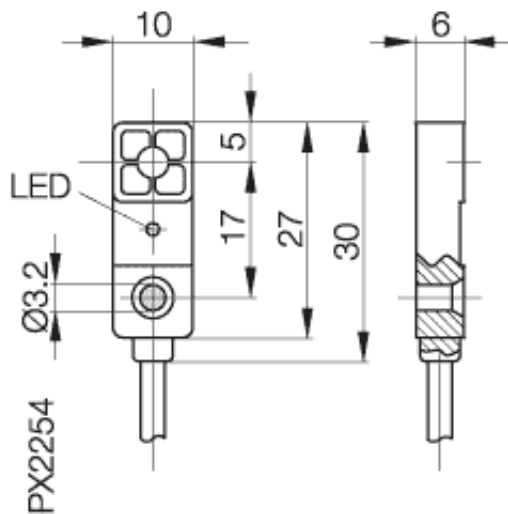


**Electrical data:**

Connection	Cable
Electrical type	DC
Ripple max. of Ue	= 10 %
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	100 mA
Hysteresis max (H)	15 %
Operating frequency (f)	1000 Hz
Voltage drop max. static	1,5 V
No-load supply current damped	6 mA
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	5 V
Utilization category	DC 12
Switching output	PNP
Switching element function	NC

Mechanical data:

Assured operating distance	0...2,4 mm
Cable code designation	LiYY-11Y-0
Repeat accuracy max. (R)	± 1 %
Rated operating distance (sn)	3 mm
Degree of pollution	3
Sensing face material	PA 6-GF30
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Number of wires	3-wire
Mounting	flush mountable
Housing material	PA 6-GF30

General data:

Protected against polarity reversal	no
Approval	CE,c_ul_us
Degree of protection IP	IP67
Output indication	yes
Short circuit protected	yes

Wiring: