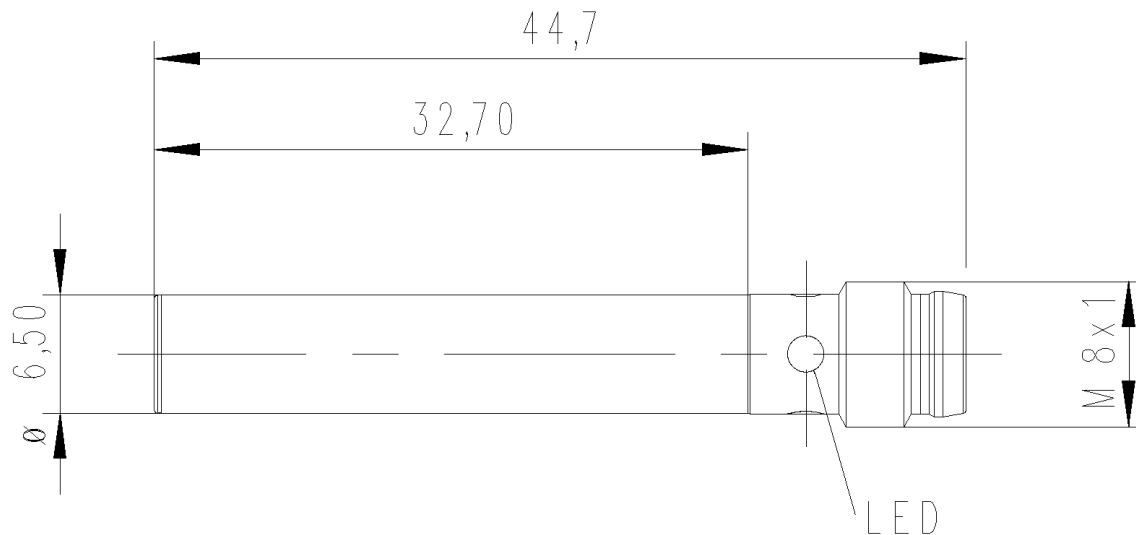


BAW G06EF-UAC20B-S49G
BAW000L

Working range mm
Output signal



Electrical data:

Electrical type	DC
No-load supply current I_0 at I_e	10 mA
Supply voltage ripple	15 %
Supply voltage max. (U_b)	30 V
Supply voltage min. (U_b)	15 V
Output voltage sI max	10 V
Output voltage sI min	0 V
Cutoff frequency (-3dB output amplitude)	1000 Hz
Load resistance min (R_L)	2000 Ohm
Output voltage at s_e	5 V
Slope U	10,00 V/mm
Linear range max (sI)	2 mm
Linear range min (sI)	0,5 mm
Non-linearity	$\pm 45 \mu m$
Connection	connector
Rated operational voltage DC	24 V
Rated insulation voltage (U_i)	75 DC

General data:

Polarity reversal resistant	yes
Protected against reversal	yes
Approval	CE, cULus
Supply voltage indicator	no
Degree of protection IP	IP 67

Mechanical data:

Midpoint of linear range (s_e)	1,25 mm
Connection type	M08x1-S49
Mounting	flush mountable
Ambient temperature max (T_a)	60 °C
Ambient temperature min (T_a)	10 °C
Sensing face material	PBT
Housing material	corrosion resistance Steel
Repeatability	3 %
Working area max (s_a)	2 mm
Working area min (s_a)	0,5 mm
Time delay before available max	0,5 ms
Measurement velocity	10 m/s
Opt. working temperature max.	50 °C
Opt. working temperature min.	10 °C
Temperature coefficient max.	-3,0 $\mu m/K$
Temperature coefficient min.	1,0 $\mu m/K$
Repeat accuracy	$\pm 40,0 \mu m$
Adjustment indicator	yes

Wiring:

Pinout:
pinout

