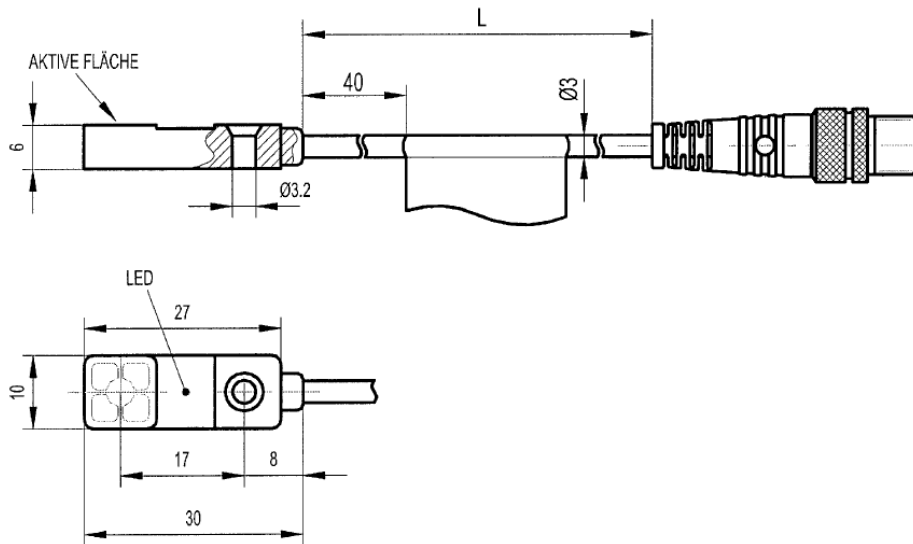


BAW R03KC-UAE40B-BP00,3-GS49
Inductive Distance Sensors

Working range 1...4 mm
Output signal 0...10 V



Electrical data:

Linear range max (sl)	4 mm
Linear range min (sl)	1 mm
Connection	cable with connector
Rated operational voltage DC	24 V
Rated insulation voltage (Ui)	75 DC
Electrical type	DC
No-load supply current I _o at I _e	15 mA
Supply voltage ripple	10 %
Switching element function	0...10 V
Supply voltage max. (U _b)	26,4 V
Supply voltage min. (U _b)	21,6 V
Output voltage sl max	10 V
Output voltage sl min	0 V
Cutoff frequency (-3dB output amplitude)	1000 Hz
Load resistance min (RL)	5000 Ohm
Output voltage at se	5 V
Slope U	3,30 V/mm

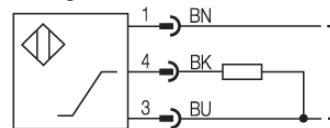
General data:

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

Mechanical data:

Midpoint of linear range (se)	2,5 mm
Cable length	0,3 m
Connection type	M08x1-S49
Mounting	flush mountable
Ambient temperature max (Ta)	70 °C
Ambient temperature min (Ta)	0 °C
Sensing face material	PA 6
Housing material	PA 6
Cable sheath material	PUR
Repeatability	3 %
Cable diameter D	3 mm
Working area max (sa)	4 mm
Working area min (sa)	1 mm
Time delay before available max	0,5 ms
Measurement velocity	20 m/s
Opt. working temperature max.	60 °C
Opt. working temperature min.	10 °C
Temperature coefficient max.	7,0 µm/K
Temperature coefficient min.	1,0 µm/K
Temperature coefficient typ.	5,0 µm/K
Repeat accuracy	±35,0 µm
Adjustment indicator	yes

Wiring:



Pinout:

