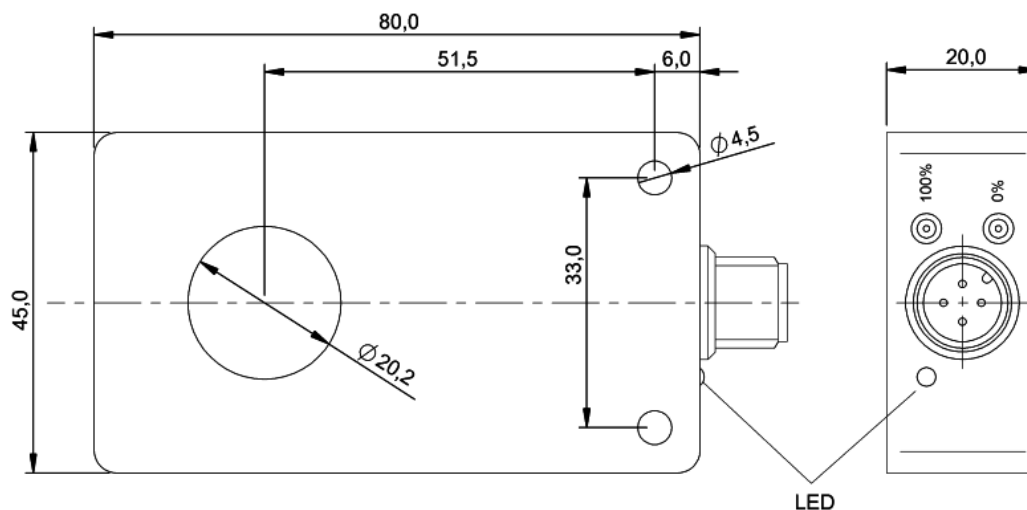


BAW MKV-020.19-S4
BAW003L

Working range 0...60 mm
Output signal 0...10 V



Electrical data:

Connection	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	20 mA
Supply voltage ripple	10 %
Switching element function	0...10 V
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	15 V
Output voltage sI max	0 V
Output voltage sI min	10 V
Load resistance min (R _L)	2000 Ohm
Output voltage at se	5 V
Linear range max (sI)	60 mm
Linear range min (sI)	0 mm
Non-linearity	±1500 µm

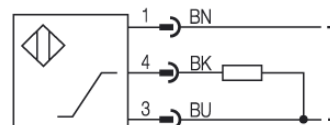
General data:

Degree of protection IP	IP 67
Recommended connector	BKS-_19/BKS-_20
Polarity reversal resistant	yes
Protected against reversal	no

Mechanical data:

Midpoint of linear range (se)	30 mm
Connection type	M12x1-S04
Ambient temperature max (T _a)	70 °C
Ambient temperature min (T _a)	-10 °C
Housing material	PBT
Repeatability	0,3 %
Working area max (sa)	60 mm
Working area min (sa)	0 mm
Time delay before available max	1 ms
Opt. working temperature max.	50 °C
Opt. working temperature min.	10 °C
Temperature coefficient max.	1200,0 µm/K
Temperature coefficient min.	-500,0 µm/K
Temperature coefficient typ.	100,0 µm/K
Repeat accuracy	±200,0 µm
Adjustment indicator	no

Wiring:



Pinout: Pinout

