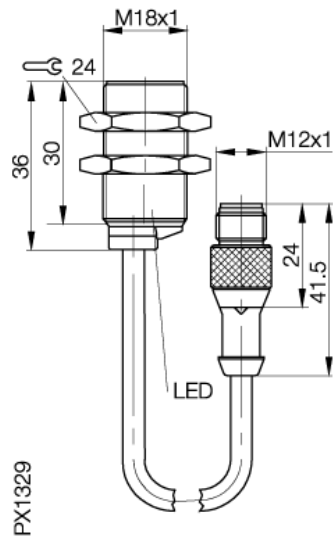


BAW M18ME-UAC50B-BP01,5-GS04
Inductive Distance Sensors

Working range 1...5 mm
Output signal 0...10 V



Electrical data:

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	10 mA
Supply voltage ripple	15 %
Switching element function	0...10 V
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	15 V
Output voltage s _l max	10 V
Output voltage s _l min	0 V
Cutoff frequency (-3dB output amplitude)	500 Hz
Load resistance min (R _L)	2000 Ohm
Output voltage at s _e	5 V
Temperature compensation	no
Linear range max (s _l)	5 mm
Linear range min (s _l)	1 mm
Non-linearity	±120 µm

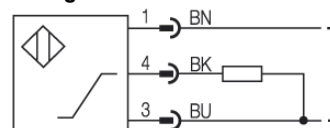
General data:

Supply voltage indicator	no
Degree of protection IP	IP 67
Recommended connector	BKS-_19
Polarity reversal resistant	yes
Protected against reversal	yes

Mechanical data:

Midpoint of linear range (s _e)	3 mm
Cable code designation	LifY-Y-11Y-0
Cable length	1,5 m
Connection type	M12x1-S04
Mounting	flush mountable
Surface treatment	nickel plated
Ambient temperature max (T _a)	70 °C
Ambient temperature min (T _a)	-10 °C
Sensing face material	PBTP
Housing material	CuZn
Cable sheath material	PUR
Repeatability	3 %
Cable diameter D	5,1 mm
Midpoint tolerance at s _e	±0,30 mm
Working area max (s _a)	5 mm
Working area min (s _a)	0 mm
Adjustment indicator	yes

Wiring:



Pinout:

