

PX1358

Electrical data:

No-load supply current I_0 at I_e	12 mA
Supply voltage ripple	15 %
Switching element function	0...10 V
Supply voltage max. (U_b)	30 V
Supply voltage min. (U_b)	20 V
Output voltage sI max	10 V
Output voltage sI min	0 V
Cutoff frequency (-3dB output amplitude)	20 Hz
Load resistance min (R_L)	10000 Ohm
Output voltage at s_e	5 V
Temperature compensation	no
Linear range max (sI)	20 mm
Linear range min (sI)	0 mm
Non-linearity	$\pm 600 \mu m$
Connection	connector
Rated operational voltage DC	24 V
Rated insulation voltage (U_i)	250 AC
Electrical type	DC

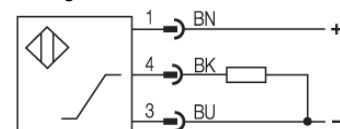
General data:

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

Mechanical data:

Midpoint of linear range (s_e)	10 mm
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	plastic
Housing material	CuZn
Repeatability	0,3 %
Working area max (s_a)	20 mm
Working area min (s_a)	0 mm
Measurement velocity	0,1 m/s
Opt. working temperature max.	50 °C
Opt. working temperature min.	10 °C
Temperature coefficient max.	-40,0 $\mu m/K$
Temperature coefficient min.	30,0 $\mu m/K$
Temperature coefficient typ.	-1,0 $\mu m/K$
Repeat accuracy	$\pm 5,0 \mu m$
Adjustment indicator	no

Wiring:



Pinout:

