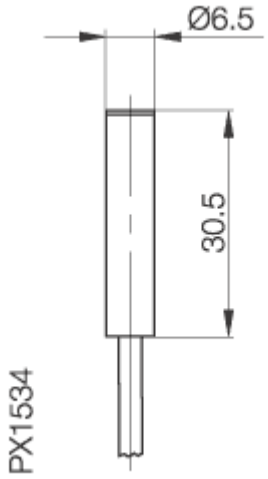
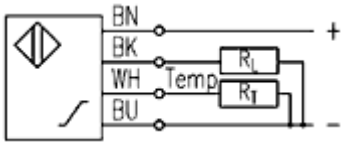
Analog Sensors

BAW G06EE-UAF20B-EP03-K

6,5 x 30,5
Sl = 0,5...2 mm
0...10V
shielded





Approvals

Common Data

Mounting in steel		shielded
Linearity range Sl	mm	0,5...2
Rated operating distance Se	mm	1,25
Repeat accuracy		±10µm
Limit frequency (-3dB)		1000 Hz
Measuring velocity		⩽10m/s
Response time		1ms
Temperature coefficient TK	typ.	-1µm/K
in optimized range	min.	+1µm/K
from +10...+50°C	max.	-3µm/K
Max. non-linearity	%	±45µm
Adjusting indication		nein
Ambient temperature range	°C	+10...+60
IEC-Code		I1B06SA1
Time delay before availability	ms	<1ms
Particular characteristics		with temperature output Utemp typ. with 25°C = 3,3V Temperature drift typ = -9 mV/K

Mechanical Data

Housing size	mm	6,5 x 30,5
Measurements BxHxT or DxT	mm	6,5 x 30,5
Housing material		1.4034
Material of sensing face		PBTP
Degree of protection	IP	IP67
Connection		Cable
Cable type		Cable, LiY-11Y-O, 3m, 4x014 mm²

Electrical Data

Current type		DC
Output signal		0...10V
Rated operational voltage	V	24 DC
Rated insulation voltage Ui	V	75 V DC
Ripple	%	⩽ 10% from Ue
Output resistance		⩾5kOhm
No-load supply current	mA	⩽15
Short circuit protection		no
Protected against polarity rev		no

If not differently indicated,
all values by IEC 947-5-2
(DIN EN60947-5-2)
Specifications subject to change

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