

TECHNICAL DATA SHEET

PEPPERL+FUCHS

3RG6232-3AB00-PF

proximity sensor

PRODUCT PHOTO



Mechanical Data

Size/Bauform	cylindrical M18/ zylindrisch M18
Length	104mm
Housing Material	Nickel

Electrical Data

Function/Funktion	Diffuse / Taster
Rated operational voltage/ Bemessungsbetriebsspannung Ue	24 V DC
No-load supply current/Leerlaufstrom I _o	max. 60 mA
Output/Ausgangsart	pnp
Rated operational current/ I _e	max. 150 mA
Output voltage drop/Spannungsfall max. U _d	max. 3V (150mA)
Off-state current/Reststrom I _r	max. 0,01 mA

Configuration

Adjustment/Einstellung	Potentiometer / SONPROG
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Performance Data

Standard target/Normmessplatte	10 x 10 mm
Repeat accuracy/Wiederholgenauigkeit R	+/- 2 mm
Switching hysteresis/Hysteresis H	10 mm
Rated ultrasonic frequency/ Ultraschallnennfrequenz	400 kHz

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Timing

Frequency of operating cycles/ Schaltfrequenz f	5 Hz
Time delay before availability/ Bereitschaftsverzug tv	280 ms
Response time/Ansprechzeit	100 ms

Environmental

IP Rating	IP67
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