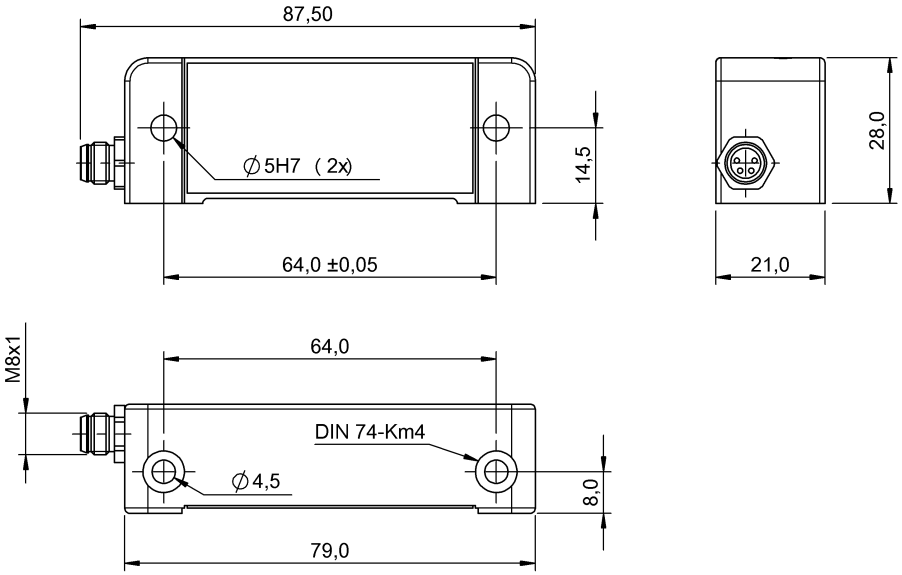
Inclination Sensors

BSI R11A0-XB-CXP360-S75G
Order Code: BSI0004



Basic features

Approval/Conformity	CE WEEE EAC
Basic standard	EN 61326-1
Measuring principle	Fluid

Electrical connection

Connection	M8x1
Polarity reversal protected	yes
Protection against device mix-ups	yes
Short-circuit protection	yes

Electrical data

Current draw max.	33 mA
Operating voltage Ub	10...30 VDC
Protection class	III
Rated operating voltage Ue DC	24 V
Ready delay tv max.	1 s

Environmental conditions

Ambient temperature	-40...85 °C
Contamination scale	2
EN 60068-2-27, Shock	yes
EN 60068-2-6, Vibration	yes
IP rating	IP67
Relative humidity	95 %, non-condensing
Storage temperature	-40...85 °C

Functional safety

MTTF (40 °C)	256 a

Interface

Analog output	Analog, current 4…20 mA

Material

Housing material	Aluminum

Mechanical data

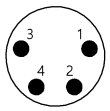
Dimension	21 x 28 x 87.5 mm
Measuring axes	1
Mounting part	Threads
Rotation direction	Clockwise
Weight	80.00 g

Range/Distance

Accuracy	±0.1 % FS min. 0.1 °
Resolution	≤ 0.01 °
Sampling rate	150 ms
Temperature drift max.	±0.01%/10 K

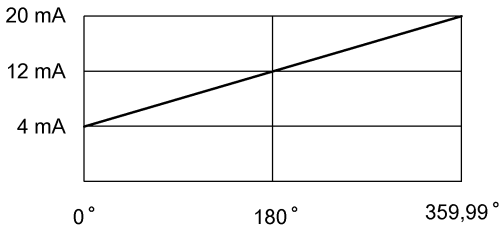
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Connector Drawings



PIN 1: Supply voltage +
PIN 2: n.c.
PIN 3: GND
PIN 4: Analog output

Technical Drawings



Output signal measuring range

Help Views

