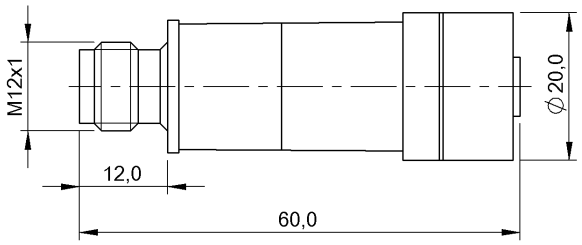
Comm. Adapters, Signal Conv.

BOS S-M01
Order Code: BAE002K



Basic features

Approval/Conformity	CE WEEE
Function	Frequency monitor up to 1 kHz Switching amplifier up to 400 mA
Use	for S4, switching output on pin 4

Electrical connection

Connection	M12x1
Connection slots	M12x1-Female, 4-pin

Electrical data

Current consumption without load, max.	10 mA
Input frequency max.	10000 Hz
Input resistance	≥ 10 kOhm
Operating voltage Ub	10...30 VDC
Protection class	II
Rated insulation voltage Ui	75 V DC
Rated operating current Ie	400 mA
Residual ripple max.	2.4 Vpp

Environmental conditions

Ambient temperature	0...60 °C
IP rating	IP67

Functional safety

MTTF (40 °C)	923 a

Interface

Digital inputs	PNP
Duration of time function	1…65535 ms
Switching output	PNP

Material

Housing material	PBT PA

Mechanical data

Dimension	Ø 20 x 60 mm
Mounting part	Union nut M12x1

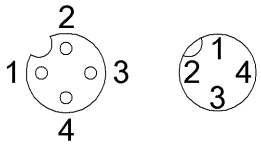
Remarks

For additional information, refer to user's guide.

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



Wiring Diagrams

