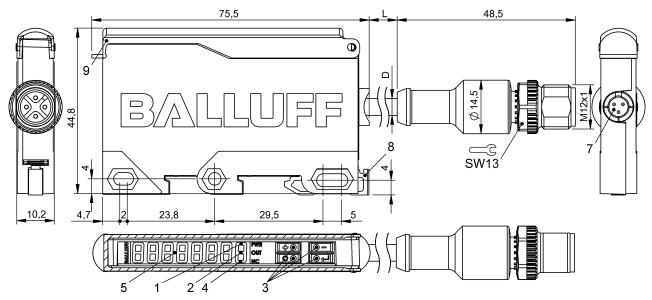
# **Capacitive Sensors** BAE SA-CS-026-YP-BP00,3-GS04 **Order Code: BAE00LA**





1) LED Power, 2) LED function indicator, 3) 4x operating keys, 4) LED N.C. function active, 5) 7x seven-segment display, 7) Plug connection sensor, 8) DIN rail mount 35mm, 9) Flap

# 

## **Basic features**

Basic features		Electrical data	
Approval/Conformity	CE UKCA cULus	Load capacitance max. at Ue Load resistance RL max. (Analog I) Load resistance RL min. (Analog V)	0.33 μF 400 ohms 1 kOhm
WEEE Basic standard IEC 60947-5-2 Series BAE	IEC 60947-5-2	No-load current lo max. at Ue Operating voltage Ub Rated insulation voltage Ui	25 mA 1530 VDC 75 V DC
Display/Operation		Rated operating current le Rated operating voltage Ue DC	50 mA 24 V
Adjuster Function indicator Power indicator Setting	Key (4x) yes Sensitivity (Sn) Time function on/off Switching or analog Teaching switchpoints Various switching modes Dynamic function External teach function	Ready delay tv max. Residual current Ir max. Switching frequency Utilization category Voltage drop Ud max. at le Environmental conditions Ambient temperature IP rating	200 ms 10 μA 100 Hz DC -13 2 V -1070 °C IP40
Electrical connection		Functional safety	
Cable diameter D Cable length L Connection	4.50 mm 0.3 m M12x1	MTTF (40 °C) Interface	252 a
Polarity reversal protectedyesProtection against device mix-upsyesShort-circuit protectionyes	Analog output Switching output Time function	Analog, voltage/Analog, current 010 V/420 mA PNP/NPN NO/NC programmable On/off delay time programmable	

# Capacitive Sensors BAE SA-CS-026-YP-BP00,3-GS04 Order Code: BAE00LA



#### Material

Cover cap material	PA
Cover material	PBT
Housing material	PBT
Material jacket	PUR
Material jacket	PUR

## **Mechanical data**

Dimension	10.5 x 45 x 75.5 mm
Mounting part	DIN EN-50045 rail 15 mm
	DIN EN-50022 rail 35 mm
	Screw M3

### Remarks

Please observe EMC-conformal cable routing. All measuring and norm vales in the data sheet are referenced to 2 m single-ended cordset. max. load current: 50mA with UL approval, <50 to 100mA possible, but without UL approval

The connection to the connector must use a listed cable assembly (CYJV) with a minimum value of 80°C

The potentiometer does not have a fixed stop, but can be turned endlessly without destroying anything.

If no change in the switching signal is detected, the potentiometer should be turned forwards or backwards until a signal change occurs at the output. 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

