

# BOS 08E Photoelectric Sensors

## Background suppression in mini-format



Type	Diffuse sensor with background suppression	Diffuse sensor with background suppression	Diffuse sensor with background suppression
Detection range	20 mm fixed	20 mm fixed	20 mm fixed
PNP, NO	<b>BOS01H6</b>	<b>BOS01H2</b>	<b>BOS01H9</b>
NPN, NO	<b>BOS01H7</b>	<b>BOS01H3</b>	
Light type	Red light, PinPoint LED	Red light, PinPoint LED	Red light, PinPoint LED
Supply voltage $U_s$	10...30 V DC	10...30 V DC	10...30 V DC
Switching frequency	500 Hz	500 Hz	500 Hz
Degree of protection as per IEC 60529	IP 67	IP 67	IP 67
Ambient temperature $T_a$	-5...+55 °C	-5...+55 °C	-5...+55 °C
Material	Housing: Stainless steel 1.4404 Optical surface: PMMA	Stainless steel 1.4404 PMMA	Stainless steel 1.4404 PMMA
Connection	M8 connector, 3-pin	0.2 m PUR cable with M8 connector, 3-pin	2 m PUR cable

Normally closed variants on request

