

# Induktiver Näherungsschalter M12x70, Edelstahl, Sn 4 mm, PNP - Bosch Rexroth 3842501548

**Item no.** BRR-3842501548 **Manufacturer** Bosch Rexroth

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Inductive proximity sensor in the M12x70 form with a stainless steel housing and IP68 protection for use from -40 to +85 °C. It detects the position of workpiece pallets and queries the position of lift, transverse and rotary units. The PNP normally open output with M12x1 plug connector mounts laterally on the SH 2/S switch bracket.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Hungary</b>
ESD-Ausführung	<b>TEC</b>
Weight	<b>0.0099 kg</b>
Zolltarifnummer	<b>85365019</b>



## STANDARDS & COMPLIANCE

ESD safe

## DESCRIPTION

The Bosch Rexroth 3842501548 inductive proximity sensor detects the position of workpiece pallets and queries the position of lift, transverse and rotary units as well as lift-positioning and lift-rotary units in assembly and transfer systems. Its stainless steel housing, IP68 rating and -40 to +85 °C operating range suit it to demanding environments.

- Non-flush mounting with a 4 mm nominal switching distance
- PNP normally open (NO) output with LED function display
- M12x1 plug connector for quick wiring
- High switching frequency of 2500 Hz

For lateral sensing of the workpiece pallet position, the sensor is mounted using the SH 2/S switch

bracket.

## Technical data

<b>Thread size</b>	M12 x 70
<b>Mechanical installation</b>	Not flush
<b>Nominal switching distance</b>	4 mm
<b>Switching frequency</b>	2500 Hz
<b>Switching output</b>	PNP
<b>Switching function</b>	Normally open (NO)
<b>Operating voltage</b>	10 ... 30 V DC
<b>Operating current</b>	200 mA
<b>Push-in fitting</b>	M12x1
<b>Length</b>	70 mm
<b>Function display</b>	LED
<b>Protection class</b>	IP68
<b>Ambient temperature</b>	-40 ... +85 °C
<b>Housing material</b>	Stainless steel, stainless
<b>Active surface</b>	LCP
<b>Conformity</b>	cULus, CE, EAC
<b>Standard conformity</b>	IEC 60947-5-2