

Näherungssensor M12x44, bündig, PNP NO, Sn=4 mm - Bosch Rexroth 3842549811

Item no. BRR-3842549811

Manufacturer Bosch Rexroth

Inductive proximity sensor in M12 housing (44 mm length) for flush installation, PNP normally-open output and M8 connector. Switching distance 4 mm, IP67 protection, 10-30 V DC supply voltage. Designed for workpiece carrier detection and position sensing in Bosch Rexroth transfer and lift-rotate assembly systems.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Hungary
Weight	0.0099 kg
Zolltarifnummer	85365019



DESCRIPTION

The inductive proximity sensor 3842549811 detects workpiece carrier positions and monitors the status of lift, transfer and rotary units in flexible assembly systems. The M12 housing in nickel-free coated CuZn with LCP active surface is rated for flush installation and achieves IP67 protection.

- Flush installation - no protrusion, space-saving in tight assembly positions
- Switching frequency 2500 Hz - suitable for high-speed position detection
- PNP output (NO) with LED status indicator - straightforward commissioning and diagnostics
- Operating temperature -25 to +70 °C - reliable in industrial environments
- Approvals cULus, CE, EAC - suitable for international deployment

TECHNICAL DATA

Parameter	Value
Article number	3842549811
Dimensions	M12 x 44 mm
Length	44 mm
Connector	M8x1
Nominal switching distance (Sn)	4 mm
Switching frequency	2500 Hz

Parameter	Value
Operating voltage	10-30 V DC
Operating current	200 mA
Switching output	PNP
Switching function	Normally open (NO)
Mechanical installation	Flush
Function display	LED
Protection class	IP67
Housing material	CuZn, nickel-free coating
Active surface	LCP
Max. operating temperature	-25 to +70 °C
Standard conformity	IEC 60947-5-2
Approvals	cULus, CE, EAC