

UF200.EB0-GP2J.72N

Article number: 11708349

Overview

- Most reliable object detection through barrier principle
- Acquisition of two independent limit values
- Detection of double sheets
- High performance in compact housing
- Metal connector



Picture similar





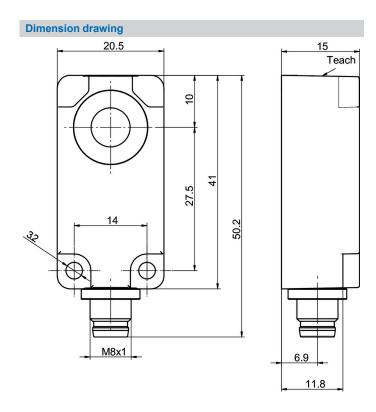


Emitter / receiver Receiver Scanning range Sd 0 2000 mm Version IO-Link Object size (at Sd = 50 mm) > 4 cm² Hysteresis typ. 5 % Sde Temperature drift < 2 % Sde Response time ton < 9 ms Release time toff < 9 ms Adjustment qTeach, line-Teach, IO-Link Sonic frequency 220 kHz Alignment aid Light indicator flashing Power on indication LED green Electrical data Voltage supply range +Vs 12 30 VDC Current consumption typ. 16 mA Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple < 10 % Vs Short circuit protection Yes Reverse polarity protection Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)		Technical data
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Sonic frequency 220 kHz Alignment aid Light indicator flashing Power on indication LED green Electrical data Voltage supply range +Vs 12 30 VDC Current consumption typ. 16 mA Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	< 9 ms	Release time toff
Alignment aid Light indicator flashing Power on indication LED green Electrical data Voltage supply range +Vs 12 30 VDC Current consumption typ. 16 mA Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	qTeach, line-Teach, IO-Link	Adjustment
Power on indication Electrical data Voltage supply range +Vs 12 30 VDC Current consumption typ. 16 mA Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Communication interface Interface IO-Link V1.1 Baud rate L230,4 kBaud (COM 3)	220 kHz	Sonic frequency
Electrical data Voltage supply range +Vs 12 30 VDC Current consumption typ. 16 mA Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	Light indicator flashing	Alignment aid
Voltage supply range +Vs 12 30 VDC Current consumption typ. 16 mA Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	LED green	Power on indication
Current consumption typ. 16 mA Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)		Electrical data
Output circuit Push-pull Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	12 30 VDC	Voltage supply range +Vs
Output current <100 mA Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	16 mA	Current consumption typ.
Voltage drop Vd <3 VDC Residual ripple <10 % Vs Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	Push-pull	Output circuit
Residual ripple < 10 % Vs Short circuit protection Yes Reverse polarity protection Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	<100 mA	Output current
Short circuit protection Yes Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	<3 VDC	Voltage drop Vd
Reverse polarity protection Yes, Vs to GND Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	< 10 % Vs	Residual ripple
Communication interface Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	Yes	Short circuit protection
Interface IO-Link V1.1 Baud rate 230,4 kBaud (COM 3)	Yes, Vs to GND	Reverse polarity protection
Baud rate 230,4 kBaud (COM 3)		Communication interface
	IO-Link V1.1	Interface
	230,4 kBaud (COM 3)	Baud rate
Cycle time ≥ 1 ms	≥ 1 ms	Cycle time
Process data length 48 Bit	48 Bit	Process data length

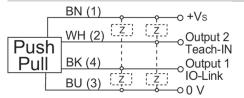
Communication interface	
Process data structure	Bit 0 = SSC1 Bit 1 = SSC2 Bit 3 = alarm Bit 16-31 = 16 Bit measurement
IO-Link port type	Class A
Additional data	Excess gain Operating cycles Operating hours Boot cycles Operating voltage Device temperature Histograms
Adjustable parameters	Time filters LED status indicators Output logic Output function Counter Deactivate the sensor element Find Me function
Mechanical data	
Design	Rectangular
Housing material	Plastic (ASA, PMMA)
Width / diameter	20.5 mm
Height / length	41 mm
Depth	15 mm
Connection types	Connector M8 4 pin
Ambient conditions	
Operating temperature	-25 +65 °C
Storage temperature	-25 +75 °C
Protection class	IP 67

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Connection diagram



Pin assignment

