

08 Beam, Output 2 PNP NO

All dimensions are in mm.

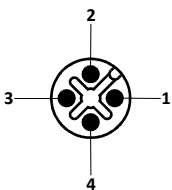
## General Specification

No of Beams	08
Beam Axis Pitch	20 mm
Detection Zone	140 mm
Min. Detectable Object	25 mm (Opaque)
Operating Distance	0.1 ... 5.0 m
Degree of Protection	IP65

## Electrical Specification

Operating Voltage	24 V DC $\pm$ 20%
Residual Voltage	<2 V DC
Current Consumption	95 mA
Output	2 PNP NO
Response Time	<20 ms
Output Reset Time	<500 $\mu$ s
Output Current	200 mA
Leakage Current	0 mA
Emitting Element	Infrared LED (880 nm)
Effective Aperture Angle	$\pm$ 15°
Protection	Short Circuit & Reverse Polarity
Indication	Power ON, Ready, O/P ON, Wait

## Pin Diagram



## Mechanical Specification

Housing Size	270.0 x 45.5 x 45.5 mm
Housing Material	Aluminum Powder Coated Yellow
Mounting	Through Clamp
Termination	4 Pin M12 Male Connector
Operating Temperature	0°C ... 50°C
Storage Temperature	0°C ... 60°C

## Connection Detail

### Transmitter

Pin No.	Detail
1	24 V DC (+)
2	
3	GND
4	

### Receiver

Pin No.	Detail
1	24 V DC (+)
2	PNP NO
3	GND
4	PNP NO

Specifications are subject to change without notice.