

OYSI0222

Optical sensors • Through-beam sensors transmitters

sensor optical, Light barrier, 11x5x43mm, Sn: 0.05m, Anschluss an Verstärker, Cable 8pin 1m, IP67, Aluminum Anodised, Infrared light



Frame and ring light barriers operate according to the principle of a through-beam sensor. Within the housing there is a variety of transmitter and receiver elements that form a light curtain and thus detect various objects. Application examples for these systems are ejection control of presses, presence monitoring or length measurements of wires or tubes.

Electrical features

Type of electrical connection	Cable
Line diameter	3mm
Number of pins	8
Switching distance	0 - 50mm
Connection to amplifier	Yes

Mechanical features

Number of cores	8
Design	Cuboid
Width	43mm
Height	11mm
Cable length	1m
Storage temperature	-20 - 85°C
Length	5mm
Surface	teflon coated
Degree of protection (IP)	IP67
Volume	Small
Housing material	Aluminum
Ambient temperature	-20 - 60°C

Optical features

Light source	Infrared light
Light beam form	Line
Wavelength of the sensor	880nm

Other features

Scope of delivery	Transmitter
Ambient temperature	-20 - 60°C
Version	Light barrier

Classification

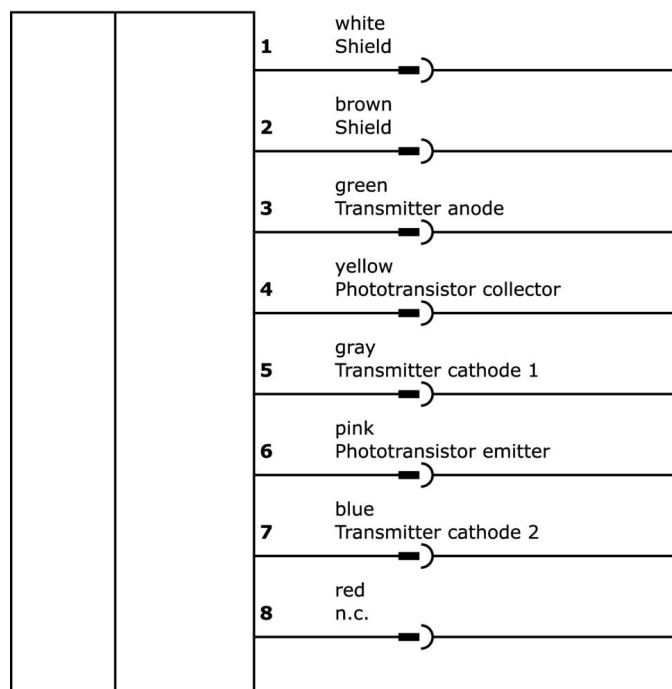
ETIM 8	EC002716 Through-beam photoelectric sensor
--------	--

More

IPF Product Group	705 special devices (SI)
packaging dimensions	123 x 77 x 25 mm
gross weight	70 g
Customs tariff number	85365019
WEEE number	40951076
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection

Connection to amplifier



Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.