

OH70C353

OPTICAL SENSORS • FRAME LIGHT BARRIERS

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.



MECHANICAL DATA

Active zone height	64 mm
Active zone width	70 mm
Housing design	Cuboid
Housing design	Frame-shaped
Housing material	Aluminium
Reflector included in the scope of delivery	No
Sensor height	110 mm
Sensor length	20 mm
Sensor width	123 mm

ELECTRICAL DATA

Analogue output 0 mA ... 20 mA	No
Analogue output 0 V ... 10 V	Yes
Analogue output -10 V ... +10 V	No
Analogue output 4 mA ... 20 mA	No
Number of pins	3
Operating voltage (MAX)	35 V
Rated control supply voltage U_s at DC	10 V ... 35 V
Setting procedure	Manual adjustment
Suitable for safety functions	No
Type of electrical connection	Connector M8
Voltage type	DC
With communication interface, analog	No
With communication interface, AS-Interface	No
With communication interface, CANOpen	No
With communication interface, DeviceNet	No
With communication interface, Ethernet	No
With communication interface, INTERBUS	No
With communication interface, PROFIBUS	No
With communication interface, RS-232	No
With communication interface, RS-422	No

ELECTRICAL DATA

With communication interface, RS-485	No
With communication interface, SSD	No
With communication interface, SSI	No
With monitoring function of downstream devices	No
With other analog output	No
With time function	No

DIMENSIONAL DRAWING**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!