

EOS2 153 X WTHF

Order Code: 1120240

Hand Detection Safety Light Curtain with Heated Watertight Enclosure. IP69K/Ecolab Certified. Automatic/Manual Restart and EDM. Prewired with 10 m Lead Cable



Safety level

Type 2 - PL c

Protected height (mm)

160

Resolution (mm)

30

Max. range (m)

10

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Technical Description

Type 2, SIL 1, SILCL 1, PL c, Cat. 2

Watertight enclosures allow Safety Light Curtains to be used in harsh working environments with exposure to water jets and steam

The use of inert and non-toxic components allow WTF and WTHF enclosures to be used in the Food & Beverage industry, where frequent wash down procedures are required

Integrated anti-condensation system

Hardware configuration: no programming necessary, easy to install and replace

What's in the Box: Emitter, Receiver, Standard Fastening Brackets, Pre-Wired Connection Cable

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Features

Safety level	Type 2 - PL c
Protected height (mm)	160
Resolution (mm)	30
Controlled height (mm)	150
Max. range (m)	10
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 25 ... 50
Response time (ms)	4,5
Number of beams	8
Max. length of the connection cables (m)	100
Signalling	LEDs for light curtain's status and diagnostics
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity
Connections	Cable output
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	2,04E-08
Materials suitable for food applications	Yes
Light curtain technical data	Refer to EOS2 X models table
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)

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Safety functions	Integrated
Special versions	Food and beverage, Heated, Watertight enclosure
Detection	Hand
Protective enclosures	Food industry IP69K
Packaging dimensions HxLxW (mm)	145 x 460 x 200
Product class	C
Custom tariff	85365019

Electrical data

Power supply (VDC)	24 ± 20%
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Mechanical data

Overall height (mm)	337
Degree of protection	IP69K
Fastening	Set of 4 ring brackets (included)
Diameter (mm)	56
Max. water pressure (bar)	80 . . . 100
Gross weight (g)	3337,49

Technical drawings



Certificates

