

Order Code: 1120236

Hand Detection Safety Light Curtain with 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) 1060

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 Conn

on Cable

EOS2 1053 X WTF

Pag. 1/5

EXAMPLE REPRESENT OF STATE CONTACT STATE STATE CONTACT STATE STATE

Features

Safety level	Type 2 - PL c
Protected height (mm)	1060
Resolution (mm)	30
Controlled height (mm)	1050
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)	0 55
Response time (ms)	14,5
Number of beams	53
Max. length of the connection	100
cables (m)	
Signalling	EDe for light curtain's status and diagnostics
Signalling	LEDs for light curtain's status and diagnostics
Signalling Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against
	2 fail-safe PNP (400 mA at 24 VDC) with protection against
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity
Safety output type Connections	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity Cable output
Safety output type Connections MTTFD (ISO13849) years	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity Cable output 100
Safety output type Connections MTTFD (ISO13849) years PFHD (IEC 61508)	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity Cable output 100 5,83E-08
Safety output type Connections MTTFD (ISO13849) years PFHD (IEC 61508) Materials suitable for food	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity Cable output 100 5,83E-08
Safety output type Connections MTTFD (ISO13849) years PFHD (IEC 61508) Materials suitable for food applications	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity Cable output 100 5,83E-08 Yes

Pag. 2/5

EXAMPLE R Your future's safe!

Safety functions	Integrated
Special versions	Food and beverage, Watertight enclosure
Detection	Hand
Operating Range (m)	3 or 10 selectable
Protective enclosures	Food industry IP69K
Packaging dimensions HxLxW	145 x 1360 x 200
(mm)	
Product class	C
Custom tariff	85365019

Electrical data

|--|

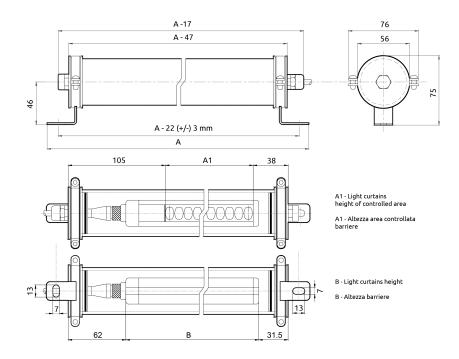
Mechanical data

Overall height (mm)	1237
Degree of protection	IP69K
Fastening	Set of 4 ring brackets (included)
Diameter (mm)	56
Max. water pressure (bar)	80100
Gross weight (g)	6446,2





Technical drawings

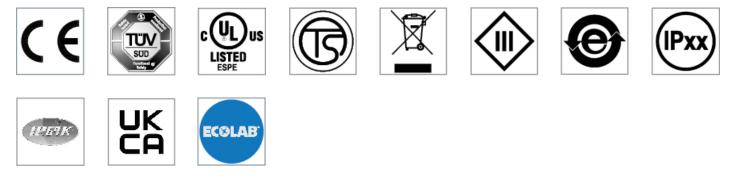


EOS2 1053 X WTF

Pag. 4/5



Certificates



EOS2 1053 X WTF

Pag. 5/5