

Order Code: 1110051

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



Safety level Type 4 - PL e

Protected height (mm) 1660

Resolution (mm) 14

Max. range (m) 5

Restart Built-in - User selectable automatic or manual

Functioning system Emitter / Receiver

#### **Technical Description**

Type 4, SIL 3, SILCL 3, PL e, Cat. 4

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

#### EOS4 1651 X WTF

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# **EXAMPLE REPORT** Your future's safe!

### **Features**

Safety level	Type 4 - PL e
Protected height (mm)	1660
Resolution (mm)	14
Max. range (m)	5
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 55
Response time (ms)	4
Number of beams	165
Max. length of the connection	100
cables (m)	
Signalling	LEDs for light curtain's status and diagnostics
Signalling Safety output type	LEDs for light curtain's status and diagnostics 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 MTTFD (ISO13849) years	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity 100
Safety output type MTTFD (ISO13849) years PFHD (IEC 61508)	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity 100 3,48E-08
Safety output type 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 100 3,48E-08
Safety output type 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 100 3,48E-08 Yes
Safety output type MTTFD (ISO13849) years PFHD (IEC 61508) Materials suitable for food applications Safety outputs	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity 100 3,48E-08 Yes 2 OSSD PNP (400 mA at 24 VDC)
Safety output type MTTFD (ISO13849) years PFHD (IEC 61508) Materials suitable for food applications Safety outputs Safety functions	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity 100 3,48E-08 Yes 2 OSSD PNP (400 mA at 24 VDC) Integrated

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# **EXAMPLE R** Your future's safe!

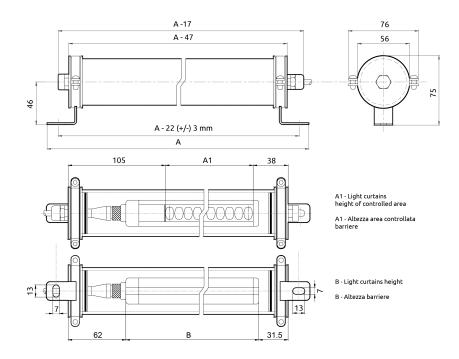
Protective enclosures	Food industry IP69K
Packaging dimensions HxLxW	145 x 1960 x 200
(mm)	
Product class	C
Custom tariff	85365019
Electrical data	
Power supply (VDC)	$24 \pm 20\%$

# **Mechanical data**

Overall height (mm)	1837
Degree of protection	IP69K
Fastening	Set of 4 ring brackets (included)
Max. water pressure (bar)	80100
Gross weight (g)	8644,2



# **Technical drawings**

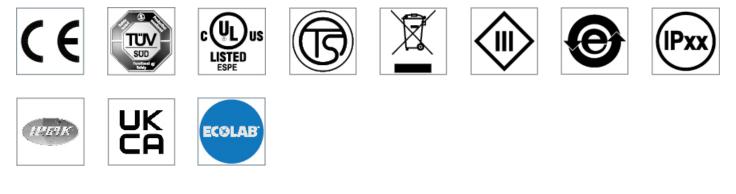


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### Certificates



EOS4 1651 X WTF

