REER Your future's safe!

EOS2 1803 X WTF

Order Code: **1120051**

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)
1810

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

Features

Safety level	Type 2 - PL c
Protected height (mm)	1810
Resolution (mm)	30
Controlled height (mm)	1800
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)	22,5
Number of beams	91
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)	8,35E-08
Materials suitable for food applications	Yes
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated

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Special versions	Food and beverage, Watertight enclosure
Detection	Hand
Protective enclosures	Food industry IP69K
Packaging dimensions HxLxW (mm)	145 x 2110 x 200
Product class	C
Custom tariff	85365019

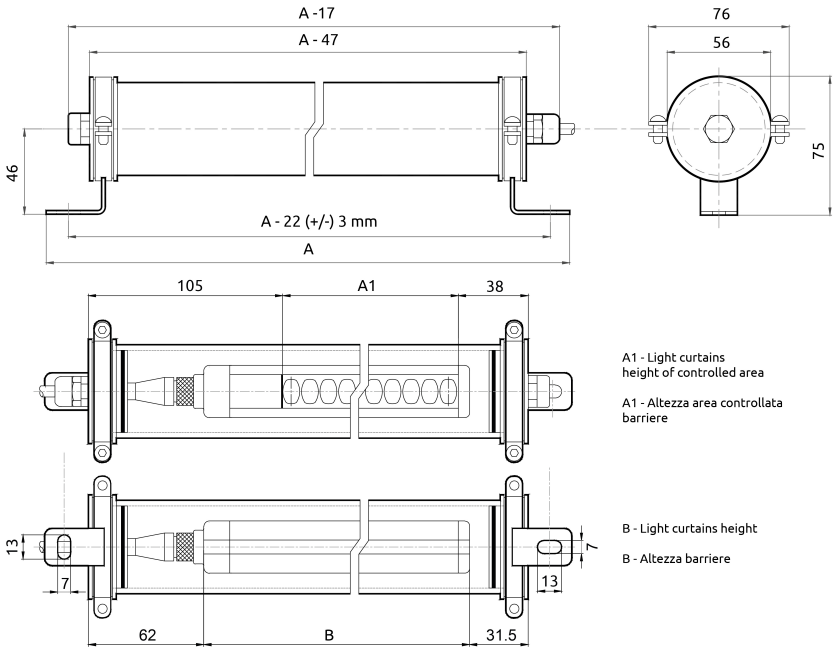
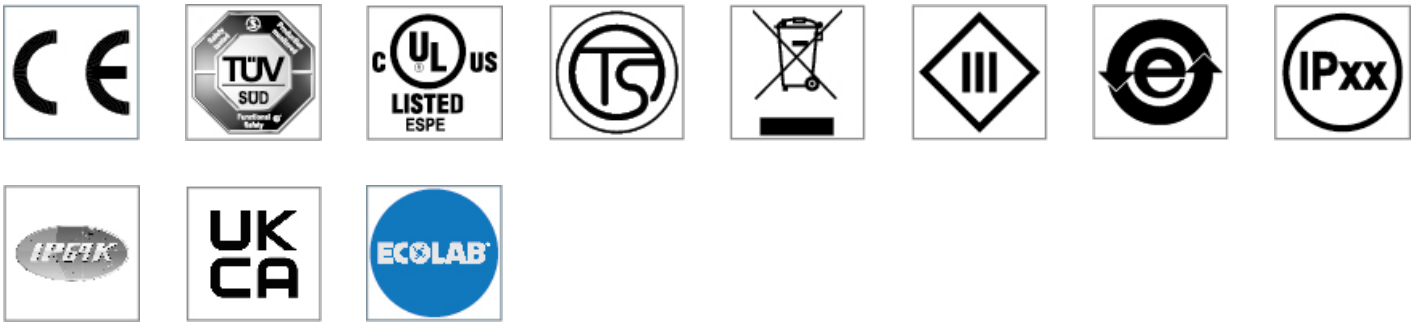
Electrical data

Power supply (VDC)	24 ± 20%

Mechanical data

Overall height (mm)	1987
Degree of protection	IP69K
Fastening	Set of 4 ring brackets (included)
Diameter (mm)	56
Max. water pressure (bar)	80 . . . 100
Gross weight (g)	9157,7

Technical drawings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