

EOS4 903 AH EX

Order Code: 1010255

Hand Detection Safety Light Curtain with ATEX Zone 2/22 Enclosure. Automatic Restart. Extended Range. Prewired with 10 m Lead Cable



Safety level

Type 4 - PL e

Protected height (mm)

910

Resolution (mm)

30

Max. range (m)

17

Restart

Automatic

Functioning system

Emitter / Receiver

Technical Description

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

Designed to secure operators working in potentially explosive atmospheres

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 4 - PL e
Protected height (mm)	910
Resolution (mm)	30
Controlled height (mm)	900
Max. range (m)	17
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	- 10 ... 55
Response time (ms)	7,5
Number of beams	46
Max. length of the connection cables (m)	10
Signalling	LEDs for light curtain's status and diagnostics
Safety output type	2 fail-safe PNP (500 mA at 24 VDC) with protection against short circuit, overload and reverse polarity
Connections	Cable output
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	1,53E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	With external module
Special versions	ATEX
Detection	Hand

Operating Range (m) 8 or 17 selectable

Protective enclosures ATEX zone 2, 22

Packaging dimensions HxLxW
(mm) 145 x 1210 x 200

Product class C

Custom tariff 85365019

Electrical data

Power supply (VDC) 24 ± 20%

Mechanical data

Overall height (mm) 1080

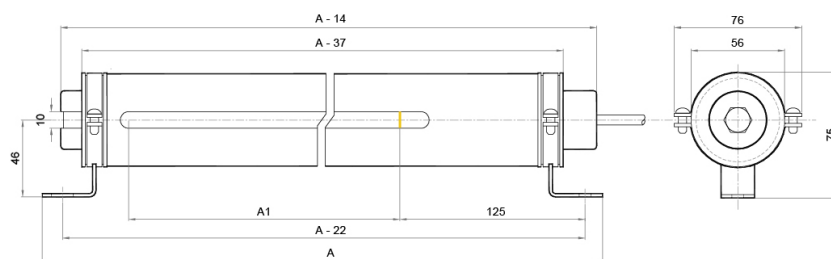
Degree of protection IP65

Fastening Set of 4 ring brackets (included)

Diameter (mm) 56

Gross weight (g) 8030,96

Technical drawings



Certificates

