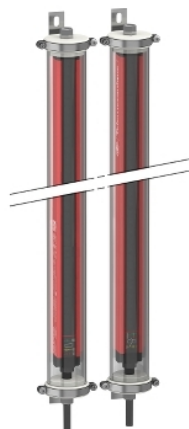


# XUSL4E14F046NWH

XUSL tipa 4 za prste IP69K z ogr. - std. obseg  
zazn. - Hp = 460 mm, R = 14 mm



## Glavno

Serijski izdelki	Telemecanique Safety light curtains XUSL
Izdelek ali sestavni del	Varnostna svetlobna zavesa tipa 4
Kratko ime naprave	XUSL4E
Tip izhoda	2 Varnost izhodi OSSD Polprevodni PNP Odpravljanje obloka)
Uporaba izdelka za specifične aplikacije	Za zaščito prstov
[R] Resolution	14 Mm
[Sn] Nazivna razdalja zaznavanja	1...5 M Z okablenjem 0...2 M Z okablenjem
[Hp] Height protected	460 Mm
Število žarkov	45
Type of start / restart	Priročnik Avtomatsko
External Device Monitoring (EDM)	Z ožičenjem izbran

## Komplementarno

Sistem zaznavanja	Oddajno-sprejemni sistem
Odzivni čas	7,5 ms
Sestava kompleta	Prilagodljiv namestitveni nosilec 1 Sprejemnik(i) 1 Oddajnik(i) 1 uporabniški priročnik s certifikatom o skladnosti na CD-ROM-u Silikonski o-obroč(i) 1 PVC kabel (y)
[EAA] effective aperture angle	2,5 ° Pri 3 m
Emisije	IR LED 950 nm
[Us] Nazivna napajalna napetost	24 V DC +/- 20 %
Dobava	Napajanje IEC 61496-1 Napajanje IEC 60204-1
[Ie] nazivni obratovalni tok	2 A
Poraba toka	42 mA Brez obremenitve Oddajnik 83 mA Brez obremenitve Sprejemnik 42 mA Oddajnik 900 mA Z maksimalnim bremenom Sprejemnik
Izhodne tokovne meje	0,4 A Varnost izhodi OSSD
Izhodna napetost	24 V
Tip izhodnega tokokroga	DC
Maksimalen padec napetosti	<0,5 V
Maximum Heating system power consumption	10 W
Lokalno signaliziranje	1 Večbarvna LED Oddajnik 2 Dvobarvno LED-ice Sprejemnik
Električna povezava	1 moški konektor M12 5 zatičev Oddajnik 1 moški konektor M12 8 zatičev Sprejemnik
Tip kabla	Nezaščiten kabel AWG 22 10 m
Ohmic cable resistance (per m)	55,31 MOhm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Funkcija na voljo	Test Utišanje prek zunanega varnostnega modula XPSLCMUT1160 LED prikazovanje obratovalnih načinov in napak Sistem proti kondenzaciji
Označevanje	CE
Material	PMMA: Cev Nerjaveče jeklo AISI 316L: Tesnilni čep PVC: Kabel
Barva ohišja	Rdeča RAL 3000
Način pritrjevanja	S pritrditvijo nosilcev
Teža izdelka	4,05 Kg
Tip ponudbe	Standardna oddaljenost
Dobavljena oprema	Z ogrevalnim sistemom

## Okolje

Direktive	89/655 / EGS - delovna oprema 98/37/EEC - stroji 89/336 / EGS - elektromagnetna združljivost
Certifikati izdelkov	CE CULus TÜV Ecolab
Safety level (correctly wired)	Tip 4 IEC 61496-1 SIL 3 IEC 61508 SILCL 3 IEC 62061 Kategorija 4 EN/ISO 13849-1 PL = e EN/ISO 13849-1
Optical characteristic	Odpornost na svetlobne motnje EN/IEC 61496-2
Mission time	20 Let/O/I/A
Zanesljivost varnostnih podatkov	PFHd = 9.47E-9 1 / h IEC 61508
Temperatura okoliškega zraka za delovanje	-30...55 °C -25...55 °C
Temperatura okoliškega zraka za skladiščenje	-30...70 °C -25...70 °C
Relativna vlažnost	0...95 % Brez kondenzacije
IP stopnja zaščite	IP69K
Odporno proti udarcu	10 Gn 16 ms IEC 61496-1
Odpornost proti vibracijam	0,35 +/- 0,05 mm 10...55 Hz)IEC 61496-1

## Embalažna enota

Tip enote v embalaži 1	PCE
Število enot v embalaži 1	1
Teža embalaže 1	4,951 Kg
Višina embalaže 1	13,5 Cm
Širina embalaže 1	19,5 Cm
Dolžina embalaže 1	55,0 Cm

## Trajnost ponudbe

Status trajnostne ponudbe	Izdelek Green Premium
Uredba REACH	 <a href="#">Izjava REACH</a>
REACH, brez snovi SVHC	Da
Direktiva EU ROHS	Proaktivno zagotavljanje skladnosti (izdelek je zunaj področja uporabe direktive EU RoHS)  <a href="#">Izjava EU RoHS</a>
Brez strupenih težkih kovin	Da
Brez živega srebra	Da
Informacije o izvzetju iz RoHS	 <a href="#">Da</a>
Razkritje okoljskih podatkov	 <a href="#">Okoljski Profil Izdelka</a>
Profil krožnega gospodarstva	 <a href="#">Informacije O Izteku Življenjske Dobe</a>

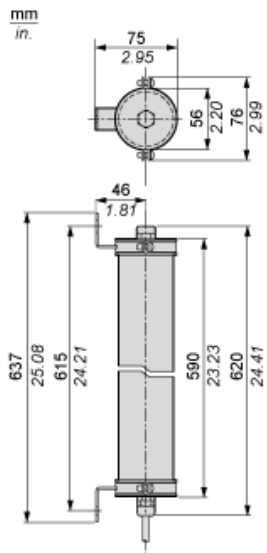
## Pogodbena garancija

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Garancija	18 months
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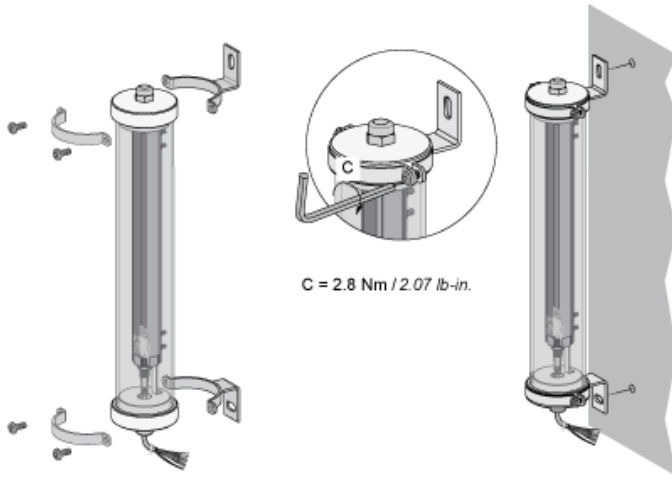
Dimensions



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Mounting and Clearance

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## Wiring Diagrams

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### Transmitter Pre-wired

Brown: +24 Vdc

White: Configuration\_0

Blue: 0 Vdc

Green or Black: Configuration\_1

Grey: Functional Earth

Yellow: 0 Vdc (Heating system)

Red: +24 Vac/Vdc (Heating system)

Pink: Not connected

### Receiver pre-wired

White: Output signal switching device 1

Brown: +24 Vdc

Green: Output signal switching device 2

Yellow: Configuration\_A

Grey: K1\_K2 Feedback/Restart

Pink: Configuration\_B

Blue: 0 Vdc

Yellow/Green (or Red): Functional Earth

Black: 0 Vdc (Heating system)

Violet: 24 Vac/Vdc (Heating system)

For configuration\_A and configuration\_B, please refer to receiver configuration and operating modes

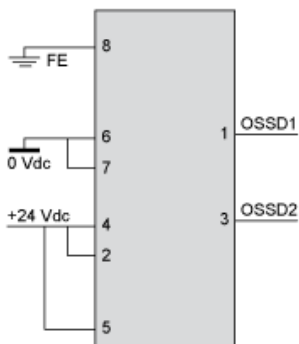
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## Receiver Configurations and Operating Modes

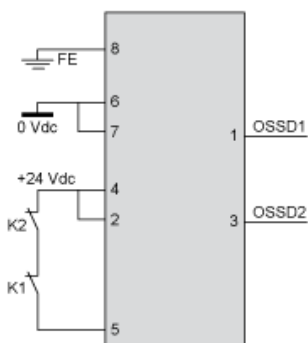
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### Automatic Start/Restart

Without External Device Monitoring (EDM) feedback loop



With External Device Monitoring (EDM) feedback loop



## Manual Start/Restart

Without External Device Monitoring (EDM) feedback loop



(1) Restart

With External Device Monitoring (EDM) feedback loop



(1) Restart

## Connecting to a Safety Interface

**Discover**  
XUSL4E14F016N by

- Characteristics
- Dimensions Drawings
- Mounting and Clearance
- Connections and Schema
- Download & Documents

**Download & Documents 1 to 9 of 9**

Image of product

Generic image for XUSL standard sensing distance	SILENT 2014-12-11	(Se ▼)
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Product environmental

XUSL4E..., XUSL2E... Safety Light Curtain, Product Environmental Profile	English 2014-09-08	pdf ▼
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End of life manual

XUSL4E..., XUSL2E... Safety Light Curtain, Product End-of-Life Instructions	English 2014-09-08	pdf ▼
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Application solutions

Safety light curtains association with safety interfaces	English 2016-01-08	pdf ▼
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Catalog

Safety light curtains Preventa XUSL	English 2015-05-18	pdf ▼
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User guide

XUSL2E..., XUSL4E... Type 2 and Type 4 Safety Light Curtains, User Manual	English 2015-06-25	pdf ▼
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①

②

1 : Click on Download & Documents

2 : Click on Application solutions

To have all connection schematics concerning our safety module, select "download and document" and download the file "Safety light curtains association with safety interfaces"