

SICK UE410-XU4T5 | Flexi Classic SAFETY CONTROLLERS

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: SICK
- Model Number: UE410-XU4T5
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Module: I/O Module
- Configuration Method: Via Rotary Switch
- Bypass: ✓
- Delay Time (outputs Q3/Q4): 0 S ... 5 S
- Protection Class: III (EN 61140)
- Housing: IP40 (EN 60529)
- Terminals: IP20 (EN 60529)
- Weight: 180 G



More Images



Product Description

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Features

Module I/O module
 Configuration method Via rotary switch
 Safety-related parameters
 Safety integrity level SIL3 (IEC 61508)
 Category Category 4 (EN ISO 13849)
 Performance level PL e (EN ISO 13849)
 PFHD (mean probability of a dangerous failure per hour) 2.5×10^{-9} (EN ISO 13849)
 TM (mission time) 20 years (EN ISO 13849)

Functions

Restart interlock Manual / automatic (configurable)
 External device monitoring (EDM) ✓
 AND operation ✓
 OR operation ✓
 Bypass ✓
 Differentiation between man and material (muting) ✓

Interfaces

Inputs 4 safety inputs
 4 switching inputs

Number of muting sensors 0 / 2

Outputs 4 safety outputs
 2 test outputs

Delay time (outputs Q3/Q4) 0 s ... 5 s

Connection type Plug-in spring terminals

Display elements LEDs

Electrical data

Protection class III (EN 61140)

Voltage supply Via A1, A2

Type of voltage supply PELV or SELV 1)

Supply voltage VS 24 V DC (19.2 V DC ... 30 V DC)

Residual ripple $\leq 10\%$

Power consumption $\leq 3\text{ W (DC)}$

Internal power consumption $\leq 3\text{ W (DC)}$

1) The current of the power supply that powers the module must be limited to a maximum of 4 A, either through the power supply itself or a fuse.

Mechanical data

Dimensions (W x H x D) 22.5 mm x 96.5 mm x 120.8 mm

Weight 180 g

Ambient data

Enclosure rating

Housing IP40 (EN 60529)

Terminals IP20 (EN 60529)

Ambient operating temperature $-25\text{ °C} \dots +55\text{ °C}$

Storage temperature $-25\text{ °C} \dots +70\text{ °C}$

Air humidity 15 % ... 95 %, Non-condensing

Climate conditions according to EN 61131-2 (55 °C ambient operating temperature, 95% rel. humidity)

Electromagnetic compatibility (EMC) Class A (EN 61000-6-2, EN 55011)

Vibration resistance 5 g RMS, 5 Hz ... 500 Hz (EN 60068-2-64)



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