



UE410-MDI4

Flexi Classic

SAFETY CONTROLLERS

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

Inputs	Connection type	Type	Part no.
3 switching inputs	Plug-in spring terminals	UE410-MDI4	6034647

Other models and accessories → www.sick.com/Flexi_Classic

Detailed technical data

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)
PFH_D (mean probability of a dangerous failure per hour)	2.5 x 10 ⁻⁹ (EN ISO 13849)
T_M (mission time)	20 years (EN ISO 13849)

Functions

Differentiation between man and material (muting)	✓
Override	✓
Belt stop signal	✓
Additional muting signal	✓

Interfaces

Inputs	3 switching inputs
Connection type	Plug-in spring terminals
Display elements	LEDs

Electrical data

Protection class	III (EN 61140)
Voltage supply	Via FLEXBUS
Power consumption	≤ 1.8 W (DC)
Internal power consumption	≤ 1.8 W (DC)

Mechanical data

Dimensions (W x H x D)	22.5 mm x 96.5 mm x 120.8 mm
Weight	150 g

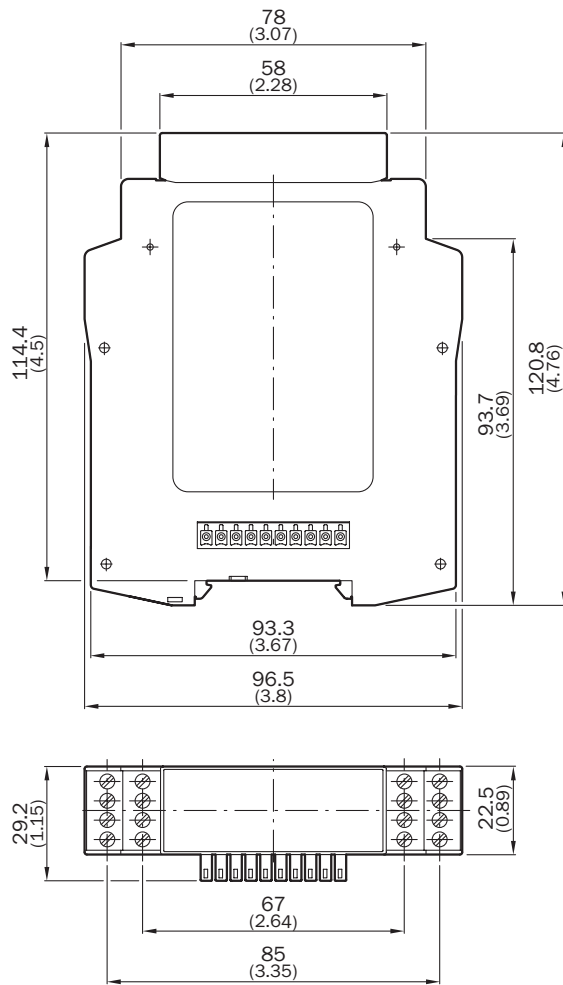
Ambient data

Enclosure rating	Housing	IP40 (EN 60529)
	Terminals	IP20 (EN 60529)
Ambient operating temperature	-25 °C ... +55 °C	
Storage temperature	-25 °C ... +70 °C	
Air humidity	≤ 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)	

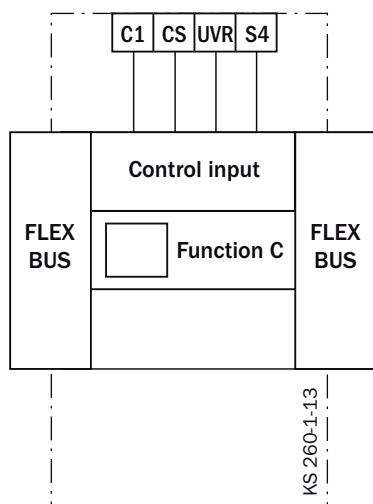
Classifications

eCl@ss 5.0	27243001
eCl@ss 5.1.4	27243101
eCl@ss 6.0	27243101
eCl@ss 6.2	27243101
eCl@ss 7.0	27243101
eCl@ss 8.0	27243101
eCl@ss 8.1	27243101
eCl@ss 9.0	27243101
eCl@ss 10.0	27243101
eCl@ss 11.0	27243101
eCl@ss 12.0	27243101
ETIM 5.0	EC001449
ETIM 6.0	EC001449
ETIM 7.0	EC001449
ETIM 8.0	EC001449
UNSPSC 16.0901	32151705

Dimensional drawing (Dimensions in mm (inch))



Connection diagram



SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com