

## ITEM 109755 CEM-A-ME05K-S1

Description	Technical data	Accessories	Downloads
-------------	----------------	-------------	-----------



### Features

- › Electromagnet for locking access doors
- › Locking force 650 N
- › With remanence
- › No guard lock monitoring, no monitoring of the door position
- › Connection using an M8 plug connector

### Approvals



### Mechanical values and environment

Material	Cover	Plastic (PPS)
	Solenoid	Steel, nickel-plated
Housing material		Die-cast aluminum

Weight	Net	0,3 kg
Ambient temperature		-25 ... 50 °C
Degree of protection		IP67
Mechanical life		
In case of use as door stop, and 1 Joule impact energy		$1 \times 10^6$
Installation position		Any
Connection		
X1, solenoid (yellow LED integrated in the plug)		Plug connector M8x1, 4-pin male (with snap-action / screw terminal)
Guard locking principle		Open-circuit current principle
Locking force F		
(Not monitored, in axial direction) at $U_{CM} \geq 24V$		650 N
Adhesive force		
due to remanence		10 -25% ... +25% N

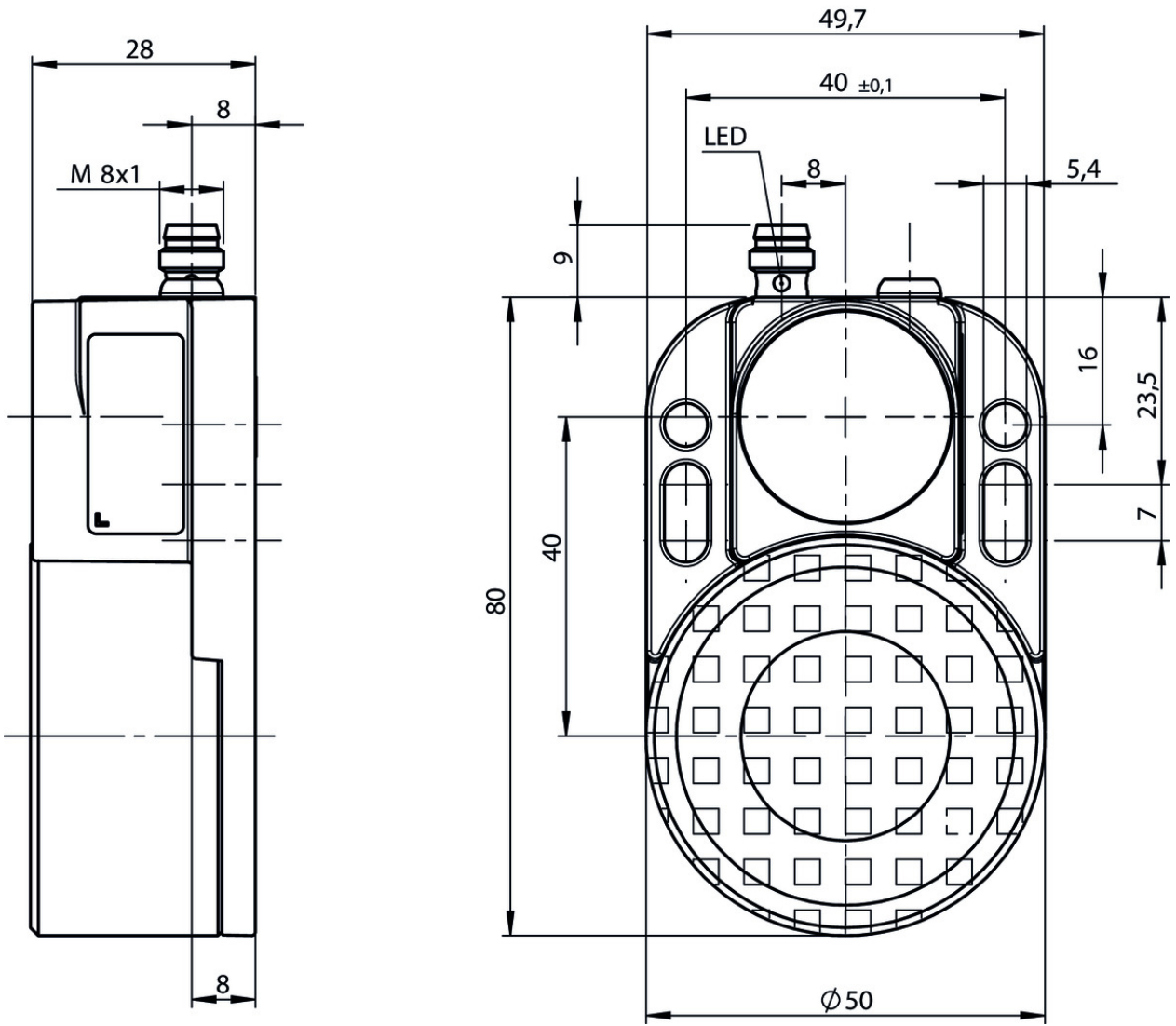
### Electrical connection ratings

Operating voltage DC	$U_{CM}$	24 V DC -15% ... 10%
Current consumption	$U_B$	100 mA
Power consumption		2,5 W
Solenoid duty cycle		100 %

### Operating distance

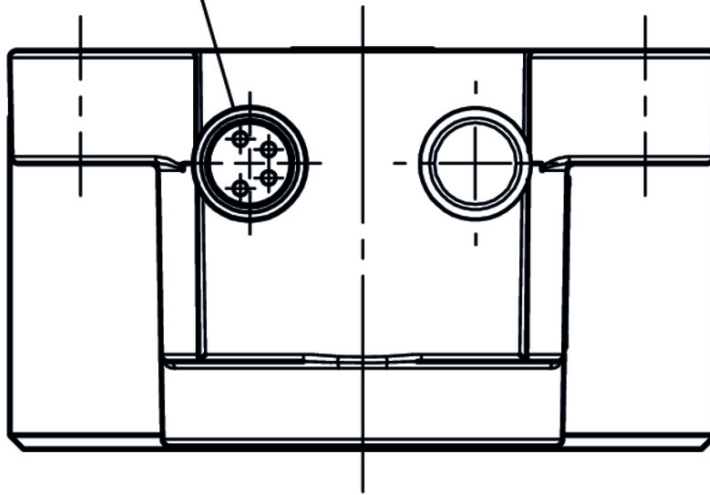
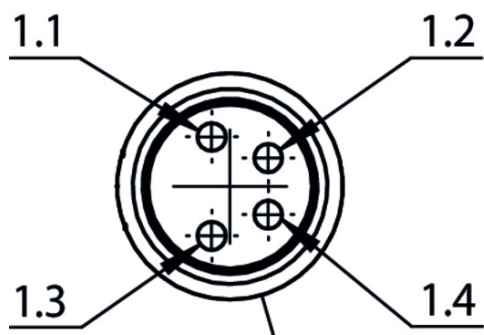
Center offset		-2,5 ... +2,5 mm
---------------	--	------------------

**Dimension drawing**

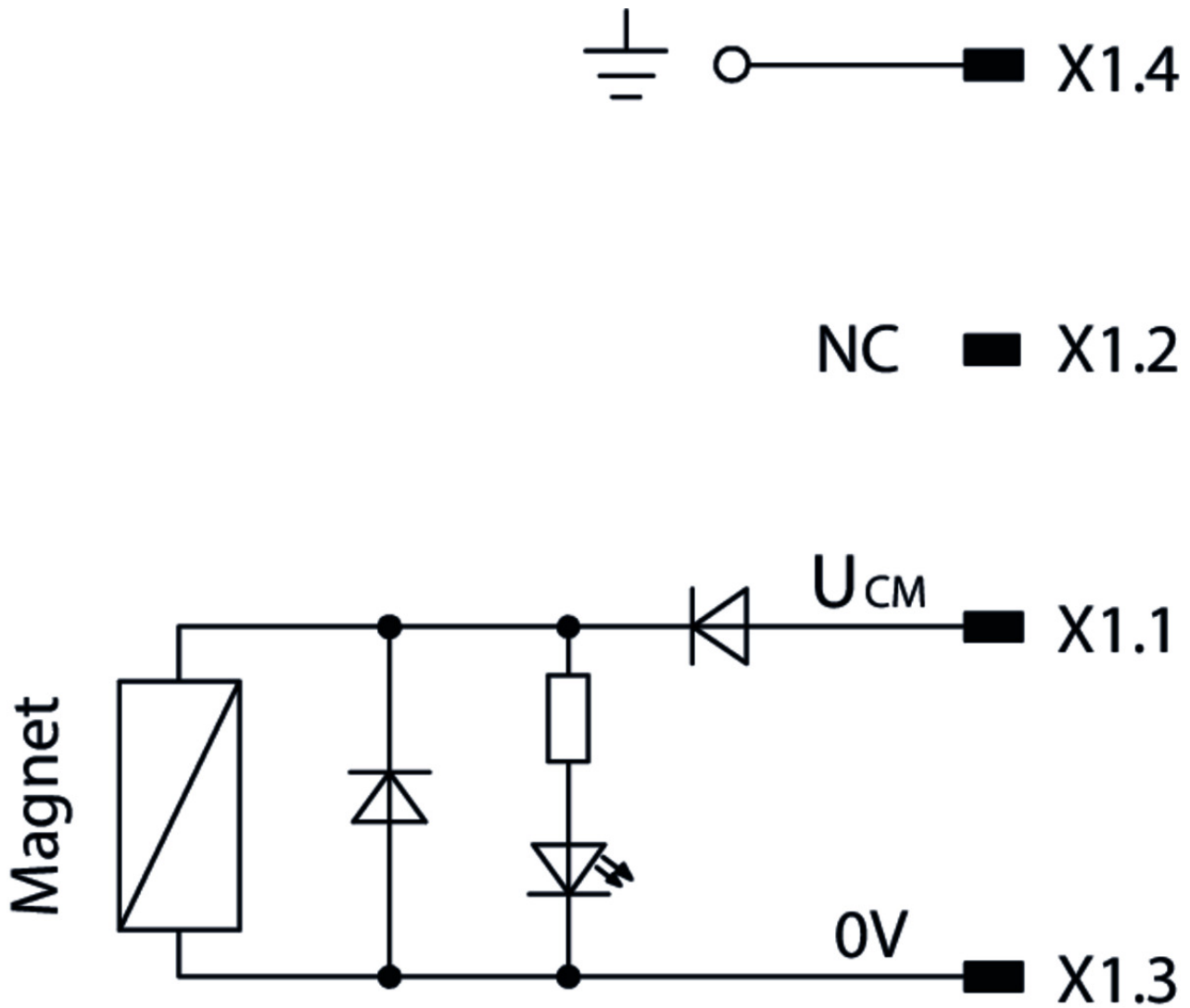


Wiring diagram

X1



## Wiring diagram



## Actuator

- Actuator CEM-A-BE05



**094805** CEM-A-BE05

### Features

- Locking force 500 N
- Two safety screws M5x16 included

## Connection material

- Connection cable with plug connector M8, 4-pin, 5m



**088813** C-M08F04-04X025PV05,0-ES-088813

### Features

- M8 female plug, 4-pin
- Straight plug connector
- PVC cable
- Cable length 5 m

- › With flying lead



**116049** C-M08F04-04X034PU05,0-ES-116049

▣ Features

- › M8 female plug, 4-pin
- › Straight plug connector
- › PUR cable
- › Cable length 5 m
- › With flying lead

- ▣ Connection cable with plug connector M8, 4-pin, 10m



**088814** C-M08F04-04X025PV10,0-ES-088814

▣ Features

- › M8 female plug, 4-pin
- › Straight plug connector
- › PVC cable
- › Cable length 10 m
- › With flying lead



**116050** C-M08F04-04X034PU10,0-ES-116050

▣ Features

- › M8 female plug, 4-pin
- › Straight plug connector
- › PUR cable
- › Cable length 10 m
- › With flying lead

- ▣ Connection cable with plug connector M8, 4-pin, 15m



**088815** C-M08F04-04X025PV15,0-ES-088815

▣ Features

- › M8 female plug, 4-pin
- › Straight plug connector
- › PVC cable
- › Cable length 15 m
- › With flying lead

- ▣ Connection cable with plug connector M8, 4-pin, 20m



**116051** C-M08F04-04X034PU20,0-ES-116051

▣ Features

- › M8 female plug, 4-pin
- › Straight plug connector
- › PUR cable
- › Cable length 20 m
- › With flying lead

- ▣ Connection cable with plug connector M8, 4-pin, 25m

**095035** C-M08F04-04X025PV25,0-ES-095035



- ▼ Features
  - › M8 female plug, 4-pin
  - › Straight plug connector
  - › PVC cable
  - › Cable length 25 m
  - › With flying lead

▼ Connection cable with angled plug connector M8, 4-pin, 10m



**084703** C-M08F04-04X025PV10,0-ES-084703

- ▼ Features
  - › M8 female plug, 4-pin
  - › Angled plug connector
  - › PVC cable
  - › Cable length 10 m
  - › With flying lead

## Catalogs

- ▼ Transpondercodierte Sicherheitssysteme mit externer Auswertung Transponder-coded safety systems with external evaluation Sistemas de seguridad con codificación por transponder y evaluación externa Systèmes de sécurité à codage par transpondeur avec analyse externe

	Doc. no.	Version	Language	Download
Transpondercodierte Sicherheitssysteme mit externer Auswertung	127596	02-01/18		3.1 MB
Systèmes de sécurité à codage par transpondeur avec analyse externe	137968	02-01/18		3.0 MB
Sistemas de seguridad con codificación por transponder y evaluación externa	139969	02-01/18		3.0 MB
Transponder-coded safety systems with external evaluation	127597	02-01/18		3.0 MB

## Declaration of conformity

- ▼ EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity	2077154	34-01/17	    	0.5 MB