

ITEM 128193 CET4-AR-CRA-AH-50X-SG-C2290-128193

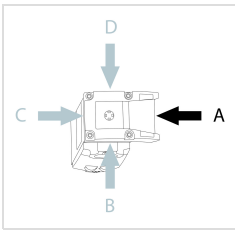
| Description | Technical data | Accessories | Downloads |
|-------------|----------------|-------------|-----------|
|-------------|----------------|-------------|-----------|



Features

- › Safety switch with guard locking and integrated evaluation electronics
- › Locking force up to 6500 N
- › Up to 20 switches in series
- › Short circuit monitoring
- › 2 safety outputs (semiconductor outputs)
- › Up to category 4/PL e according to EN ISO 13849-1
- › With 2 plug connectors M12
- › Unicode
- › Door monitoring output
- › Indication of the door position by LED
- › Teach-in input
- › Wire front release (bowden), 3 m
- › Approach direction A (default setting on delivery)

Approach direction



► Figure

Horizontal

Can be adjusted in 90° steps

Safety switch

The device may be operated only in conjunction with the actuator CET-A-....

Important: The actuator must be ordered separately.

Unicode evaluation

Each actuator is unique. The switch detects only taught-in actuators. Additional actuators can be taught in. Only the last actuator taught in is detected.

Solenoid operating voltage

► DC 24 V +10% -15%

Guard locking type

CET4 Open-circuit current principle guard locking by solenoid force.

Activation of the guard locking by applying voltage to the guard locking solenoid. The door position is also monitored. The door monitoring output OUT D is set to HIGH as soon as the actuator is above the extended plunger (state: door closed, guard locking not active). The output OUT D remains set also with guard locking active.

LED function display

LED State Status LED

LED DIA Diagnostic LED

LED 1 rd freely configurable

LED 2 gn illuminates when door is closed

Additional connections

OUT Monitoring output (semiconductor)

OUT D Door monitoring output

RST Reset input

J Teach-in input

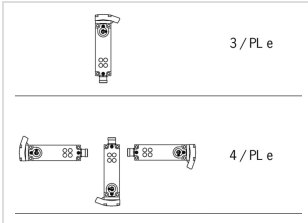
Category according to EN ISO 13849-1

Due to two redundantly designed semiconductor outputs (safety outputs) with internal monitoring suitable for:

► Category 4/PL e according to EN ISO 13849-1

Important: To achieve the stated category in accordance with EN ISO 13849-1, both safety outputs (OA and OB) must be evaluated.

The category is dependent on the installation position of the safety switch:



► Figure

Wire front release (bowden)

The wire front release permits remote unlocking of the guard locking via a pull wire. Flexible routing of the pull wire permits release of the guard locking in inaccessible installation situations.

Important: The wire front release (bowden) is not a safety function.

Approvals



Mechanical values and environment

| | | |
|-------------------------|-----------------------|------------------------------------|
| Housing material | | |
| | Slide | Stainless steel |
| | Safety switch housing | Die-cast aluminum |
| Weight | | |
| | Net | 1 kg |
| Ambient temperature | | |
| | At $U_B = 24V DC$ | -20 ... 55 °C |
| Degree of protection | | IP67 [1] |
| Resilience to vibration | | In acc. with EN IEC 60947-5-2 |
| Mechanical life | | 1×10^6 |
| Installation position | | Any [2] |
| Degree of freedom | | |
| | Z | ± 4 mm |
| | Y | ± 5 mm |
| | X | ± 5 mm |
| Ready delay | | 10 s |
| Switching frequency | | max.0,5 Hz |
| Connection | | 2 plug connectors M12, 5 and 8-pin |
| Approach speed | | 20 m/min |
| Guard locking principle | | Open-circuit current principle |
| Locking force F_{max} | | 6500 N |
| Locking force F_{Zh} | | 5000 N [3] |

Electrical connection ratings

| | | |
|-------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------|
| Operating voltage DC | U _B | 24 V DC -15% ... 15% Reverse polarity protected, regulated, residual ripple < 5%, PELV |
| | LED | 24 V DC -15% ... 10% |
| Current consumption | I _B | 80 mA |
| | I _{CM} | 480 mA |
| Utilization category according to EN 60947-5-2 | DC-13 | 24V 200mA ^[4] |
| Solenoid operating voltage DC | U _{CM} | 24 V DC -15% ... +10% Reverse polarity protected, regulated, residual ripple < 5%, PELV |
| Fusing | | |
| External (operating voltage U _B) | | 0,25 ... 2 A |
| External (solenoid operating voltage U _{CM}) | | 0,5 ... 8 A |
| Power consumption | Solenoid | max.14 W |
| EMC protection requirements | | In acc. with EN IEC 60947-5-3 |
| Solenoid duty cycle | | 100 % |
| Degree of contamination (external, according to EN 60947-1) | | 3 |
| Connecting cable | | 30V DC, 2A ^[5] |
| Safety class | EN IEC 61140 | III |
| Switching load | According to UL | 24V DC, class 2 ^[6] |
| Safety outputs OA/OB | | |
| Type of output | | 2 semiconductor outputs, p-switching, short circuit-proof |
| Switching current | Per safety output OA / OB | 1 ... 200 mA |
| Output voltage | High U(OA) / U(OB) | U _B -1,5V ... U _B V DC |
| | Low U(OA) / U(OB) | 0 ... 1 V DC |
| Off-state current I _r | | max.0,25 mA |
| Risk time according to EN 60947-5-3 | Single device | max.400 ms |
| | Delay per device | 5 ms |
| Switch-on time | | 400 ms |
| Discrepancy time | Both safety outputs | max.10 ms |
| Monitoring output OUT | | |
| Type of output | | p-switching, short circuit-proof |
| Switching current | OUT | 1 ... 50 mA |
| Output voltage | | |

| | | |
|-----------------------------------|-------|----------------------------------|
| | OUT | 0,8xUB ... UB V DC |
| Switching delay from state change | | max.400 ms |
| | | Monitoring output OUT D |
| Type of output | | p-switching, short circuit-proof |
| Switching current | | |
| | OUT D | 1 ... 50 mA |
| Output voltage | | |
| | OUT D | 0,8xUB ... UB V DC |
| Switching delay from state change | | max.700 ms |
| | | Teach-in input |
| Input voltage | | |
| | High | 15 ... 27,6 V DC |
| | Low | 0 ... 1 V DC |

Operating distance

| | | |
|---------------------------|--|------|
| Repeat accuracy R | | |
| According to EN 60947-5-2 | | 10 % |

Miscellaneous

| | | |
|--------------------------------------------------------|-------|------------------------------------------------------------------------------------------------|
| C number | | |
| | C2290 | With wire front release (bowden) mounted |
| For the approval according to UL the following applies | | Operation only with UL class 2 power supply, or equivalent measures see operating instructions |

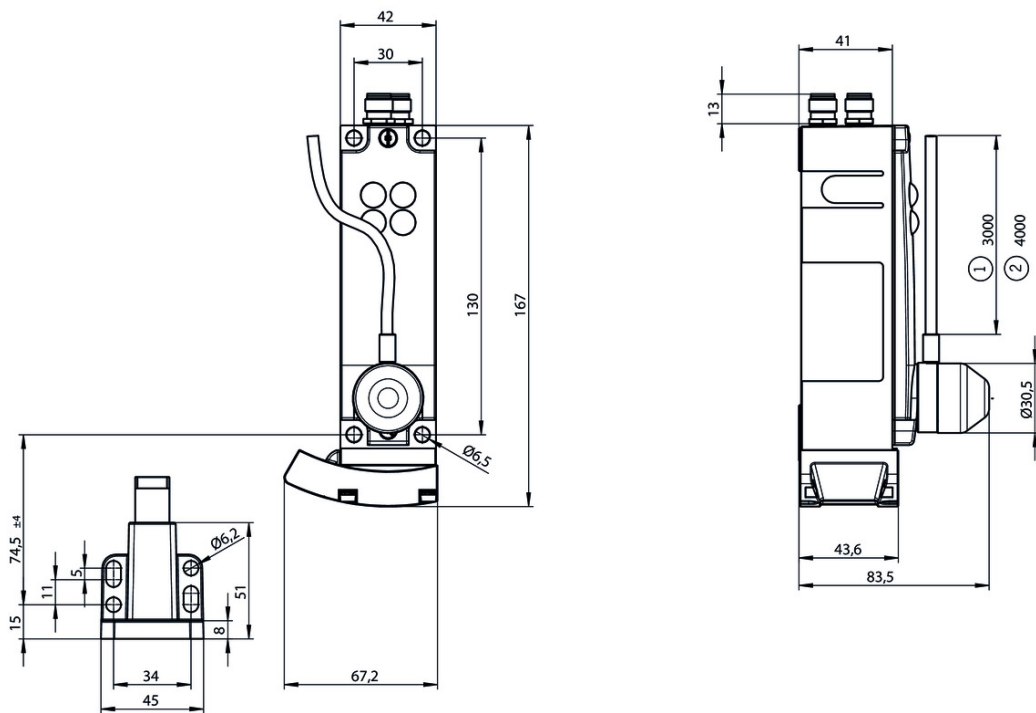
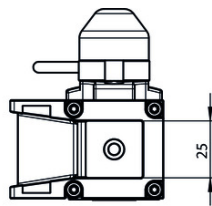
Reliability values acc. to EN ISO 13849-1

| | | |
|-------------------|-----------------------------|------------------------------------------------------------------|
| | | Monitoring of guard locking and the safety guard position |
| Category | | |
| | Head upward | 3 |
| | Head downward or horizontal | 4 |
| Performance Level | | PL e |
| PFH _D | | |
| | Head upward | 4.29×10^{-8} |
| | Head downward or horizontal | 3.1×10^{-9} |
| | | Control of the guard locking |
| Category | | Depending on external control of guard locking [7] |
| Performance Level | | Depending on external control of guard locking [8] |
| PFH _D | | Depending on external control of guard locking [9] |

| | | |
|--------------|--|------|
| Mission time | | 20 y |
|--------------|--|------|

- [1] Screwed tight plug connector/mating component
- [2] Preferably head downward
- [3] $FZH = FMAX/1.3$
- [4] Caution: outputs must be protected with a free-wheeling diode in case of inductive loads
- [5] For UL requirement UL category code (CYJV/CYJV7)
- [6] For alternatives see operating instructions
- [7, 8, 9] Teach-in input and LEDs have the same ground potential as the guard locking solenoid

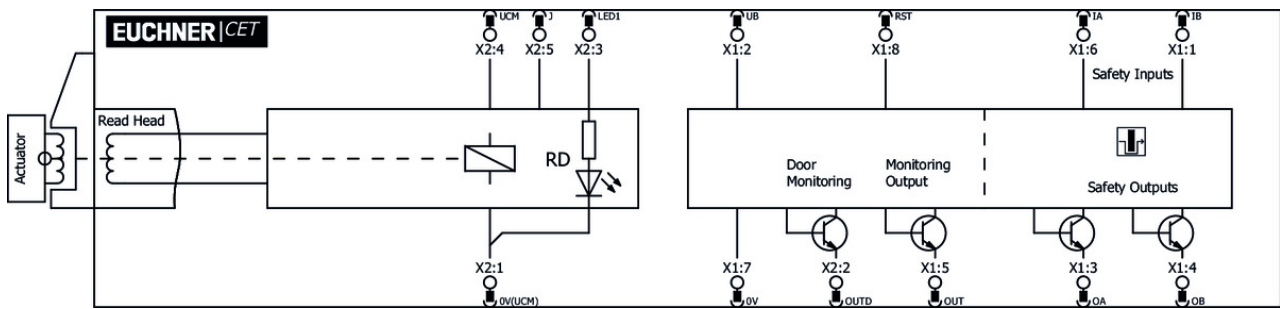
Dimension drawing



Legende

- 1 Hose length
- 2 Rope length

Wiring diagram



Mounting accessories

- ▼ Mounting plate EMP-L-... for CET read head/switches



106695 EMP-L-CET

▼ Features

- › Mounting plate for CET read heads/switches
- › For hinged or sliding doors
- › Suitable for aluminum profiles 40 ... 45 mm
- › Horizontal and vertical mounting
- › Suitable for CET with escape release

- ▼ Mounting plate EMP-B-... for actuator CET



106694 EMP-B-CET

▼ Features

- › Mounting plate for actuator CET for hinged or sliding doors
- › Suitable for aluminum profiles 40 ... 45 mm
- › Horizontal and vertical mounting
- › Made of aluminum

- ▼ Mounting plate EM-P actuator for safety switch CET



126400 AM-P-126400

▼ Features

- › Mounting plate for CET actuator
- › Suitable for mounting on aluminum profiles of width 30/40/50 mm
- › Suitable for the mounting plates AM-P-126399 and AM-P-126398

- ▼ Mounting plate EM-P handle for safety switch CET



126398 AM-P-126398

▼ Features

- › Mounting plate with handle (handle included)
- › For hinged or sliding doors
- › Horizontal and vertical assembly circuits possible
- › Suitable for aluminum profiles of width 30/40/50 mm
- › Suitable for the CET mounting plates AM-P-126399 and AM-P-126400

▼ Mounting plate EM-P switch for safety switch CET



126399 AM-P-126399

▼ Features

- › Mounting plate for CET read heads/switches
 - › Direct mounting on aluminum profiles of width 30/40/50 mm
 - › Suitable for the mounting plates AM-P-126400 and AM-P-126398
-

Bolt

▼ Bolt CET-A-C



109672 RIEGEL CET-A-C-C2308

▼ Features

- › Steel bolt
 - › In combination with CET
 - › For left or right hinged doors
 - › Can be locked in open position with padlocks
 - › Bolt without door stop, suitable for swing doors
-



104309 RIEGEL CET-A-C

▼ Features

- › Steel bolt
 - › In combination with CET
 - › For left or right hinged doors
 - › Can be locked in open position with padlocks
-

Function expansion

▼ Double ramp for safety switch/read head CET



114091 CET-DR

▼ Cover for read head and actuator CET



098808 CET ABDECKUNG RECHTS

▼ Features

- › Cover for read heads / safety switches CET and actuators CET
 - › For approach direction A
-



098807 CET ABDECKUNG LINKS

▼ Features

- › Cover for read heads / safety switches CET and actuators CET
 - › For approach direction C
-

▼ Cover for actuator CET

124979 AM-C-124979



- ✔ Features
 - › Cover for actuator CET
 - › Horizontal and vertical fastening option on the actuator
 - › Mounting using 4 screws M5x16 (included with the actuator)
 - › Not suitable in combination with lockout bar for actuator CET
-

✔ Lockout mechanism for CET actuator



122609 AE-L-CET-122609

- ✔ Features
 - › Prevents unintentional closing of the door
 - › Can be secured with padlocks
 - › Not suitable in combination with cover AM-C for actuator CET
-



156429 AE-L-CET-156429

- ✔ Features
 - › Prevents unintentional closing of the door
 - › Can be secured with padlocks
-

✔ Teach-in adapter for CET 2/4



125497 AC-TA-A2-SG-125497

- ✔ Features
 - › Teach-in adapter
 - › Optional accessory for teaching-in a new actuator for safety switch with M12 plug connector.
-

✔ Handle for wire front release



124204 AY-HDL-124204

- ✔ Features
 - › Suitable for all wire front releases
-



099795 AY-HDL-099795

- ✔ Features
 - › Suitable for all wire front releases
-

✔ Holder for lockout mechanism CET actuator



156338 Y-CHN-A1-156338

- ✔ Features
 - › Holder (incl. wire rope) for lockout bar CET
-

✔ Lockout bar and holder for CET actuators



155865 AE-SET-LCHN-A1-155865

- ✔ Features
 - › Prevents unintentional closing of the door
 - › Can be secured with padlocks

Connection material

Passive distribution module



120861 AC-DP-04-SA-120861

Features

- › Connection of up to 4 CES-AR, CET-AR, CTP-AR and ESL-AR
 - › LEDs for the indication of the door position on each port
 - › Can be connected in series
-

Connection cable with 2 plug connectors M12, 5-pin, 20m



119971 C-M12F05-05X034PU20,0-M12M05-119971

Features

- › M12 female plug to M12 plug connector, 5-pin
 - › Straight female plug and plug connector
 - › PUR cable
 - › Cable length 20 m
-



100182 C-M12F05-05X034PV20,0-M12M05-100182

Features

- › M12 female plug to M12 plug connector, 5-pin
 - › Straight female plug and plug connector
 - › PVC cable
 - › Cable length 20 m
-

Connection cable with 2 plug connectors M12, 5-pin, 10m



119947 C-M12F05-05X034PU10,0-M12M05-119947

Features

- › M12 female plug to M12 plug connector, 5-pin
 - › Straight female plug and plug connector
 - › PUR cable
 - › Cable length 10 m
-



100181 C-M12F05-05X034PV10,0-M12M05-100181

Features

- › M12 female plug to M12 plug connector, 5-pin
 - › Straight female plug and plug connector
 - › PVC cable
 - › Cable length 10 m
-

Connection cable with 2 plug connectors M12, 5-pin, 5m



119932 C-M12F05-05X034PU05,0-M12M05-119932

Features

- › M12 female plug to M12 plug connector, 5-pin
- › Straight female plug and plug connector
- › PUR cable
- › Cable length 5 m



100180 C-M12F05-05X034PV05,0-M12M05-100180

▼ Features

- › M12 female plug to M12 plug connector, 5-pin
- › Straight female plug and plug connector
- › PVC cable
- › Cable length 5 m

▼ Connection cable with plug connector M12, 8-pin, 30m



115116 C-M12F08-08X025PV30,0-MA-115116

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PVC cable
- › Cable length 30 m
- › With flying lead



115257 C-M12F08-08X025PU30,0-MA-115257

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PUR cable
- › Cable length 30 m
- › With flying lead

▼ Connection cable with plug connector M12, 8-pin, 20m



100179 C-M12F08-08X025PV20,0-MA-100179

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PVC cable
- › Cable length 20 m
- › With flying lead



115114 C-M12F08-08X025PU20,0-MA-115114

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PUR cable
- › Cable length 20 m
- › With flying lead

▼ Connection cable with plug connector M12, 8-pin, 10m



100178 C-M12F08-08X025PV10,0-MA-100178

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PVC cable
- › Cable length 10 m

- › With flying lead



115113 C-M12F08-08X025PU10,0-MA-115113

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PUR cable
- › Cable length 10 m
- › With flying lead

- ▼ Connection cable with plug connector M12, 8-pin, 5m



100177 C-M12F08-08X025PV05,0-MA-100177

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PVC cable
- › Cable length 5 m
- › With flying lead



115112 C-M12F08-08X025PU05,0-MA-115112

▼ Features

- › M12 female plug, 8-pin
- › Straight plug connector
- › PUR cable
- › Cable length 5 m
- › With flying lead

- ▼ Connection cable with angled plug connector M12, 8-pin, 20m



120998 C-M12F08-08X025PU20,0-MA-120998

▼ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet A (right)
- › PUR cable
- › Cable length 20 m
- › With flying lead



120999 C-M12F08-08X025PU20,0-MA-120999

▼ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet C (left)
- › PUR cable
- › Cable length 20 m
- › With flying lead

- ▼ Connection cable with angled plug connector M12, 8-pin, 10m



113188 C-M12F08-08X025PU10,0-MA-113188

▼ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet A (right)
- › PUR cable
- › Cable length 10 m
- › With flying lead



113189 C-M12F08-08X025PU10,0-MA-113189

☑ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet C (left)
- › PUR cable
- › Cable length 10 m
- › With flying lead

☑ Connection cable with angled plug connector M12, 5-pin, 10m



113187 C-M12F05-05X025PU10,0-MA-113187

☑ Features

- › M12 female plug, 5-pin
- › Angled plug connector
- › PUR cable
- › Cable length 10 m
- › Cable exit A (right)
- › With flying lead



113190 C-M12F05-05X025PU10,0-MA-113190

☑ Features

- › M12 female plug, 5-pin
- › Angled plug connector
- › PUR cable
- › Cable length 10 m
- › Cable exit C (left)
- › With flying lead

☑ M12 extension PUR 5-pin, plug connectors at both ends, 10m



115565 C-M12F05-05X025PU10,0-M12M05-115565

☑ Features

- › M12 female plug, 5-pin (angled) to M12 plug connector (straight)
- › Connectors at both ends
- › PUR cable
- › Cable length 10 m
- › With cable exit A (right)



115566 C-M12F05-05X025PU10,0-M12M05-115566

☑ Features

- › M12 female plug, 5-pin (angled) to M12 plug connector (straight)
- › Connectors at both ends
- › PUR cable
- › Cable length 10 m
- › With cable exit C (left)

▼ Connection cable with straight plug connector M12, 5-pin, 30 m



122784 C-M12F05-05X034PU30,0-MA-122784

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PUR cable
- › Cable length 30 m
- › With flying lead

▼ Connection cable with straight plug connector M12, 5-pin, 20 m



113682 C-M12F05-05X034PU20,0-MA-113682

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PUR cable
- › Cable length 20 m
- › With flying lead

▼ Connection cable with straight plug connector M12, 5-pin, 10m



113640 C-M12F05-05X034PU10,0-MA-113640

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PUR cable
- › Cable length 10 m
- › With flying lead

▼ Connection cable with straight plug connector M12, 5-pin, 5m



113620 C-M12F05-05X034PU05,0-MA-113620

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PUR cable
- › Cable length 5 m
- › With flying lead



100183 C-M12F05-05X034PV05,0-MA-100183

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PVC cable
- › Cable length 5 m
- › With flying lead

▼ Connection cable with plug connector M12, 5-pin, 10m

100184 C-M12F05-05X034PV10,0-MA-100184



- ✓ Features
 - › M12 female plug, 5-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 10 m
 - › With flying lead
-

✓ Connection cable with plug connector M12, 5-pin, 20m



100185 C-M12F05-05X034PV20,0-MA-100185

- ✓ Features
 - › M12 female plug, 5-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 20 m
 - › With flying lead
-

✓ Bridging plug M12



097645 BRUECKEN-STECKER

- ✓ Features
 - › Bridging plug
 - › M12 male plug, 4-pin
-

✓ Y-distributor M12



097627 Y-VERTEILER M12

- ✓ Features
 - › Y-distributor M12, 2 x 5-pin, 1 x 8-pin
 - › Straight plug connector
-

✓ Y-distributor M12 with connection cable



111696 Y-VERTEILER M12 MIT ANSCHLUSSKABEL

- ✓ Features
 - › Y-distributor M12 with connection cable, 2 x 5-pin, 1 x 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 0.2 m
-



112395 Y-VERTEILER M12 MIT 1M KABEL

- ✓ Features
 - › Y-distributor M12 with connection cable, 2 x 5-pin, 1 x 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 1 m
-

✓ Connection cable with 2 plug connectors M12, 1m



123430 C-M12M08-08X025PV01,0-M12F08-123430

- ✓ Features

- › 8-pin M12 male plug, straight
 - › 8-pin M12 female connector, straight
 - › PVC cable
 - › Cable length 1m
-

✓ Connection cable with 2 plug connectors M12, 2m



123431 C-M12M08-08X025PV02,0-M12F08-123431

✓ Features

- › 8-pin M12 male plug, straight
 - › 8-pin M12 female connector, straight
 - › PVC cable
 - › Cable length 2m
-

✓ Connection cable with 2 plug connectors M12, 5m



123432 C-M12M08-08X025PV05,0-M12F08-123432

✓ Features

- › 8-pin M12 male plug, straight
 - › 8-pin M12 female connector, straight
 - › PVC cable
 - › Cable length 5m
-

✓ Connection cable with 2 plug connectors M12, 10m



123433 C-M12M08-08X025PV10,0-M12F08-123433

✓ Features

- › 8-pin M12 male plug, straight
 - › 8-pin M12 female connector, straight
 - › PVC cable
 - › Cable length 10m
-

✓ Y-distributor M12 with connection cable, 5-pin



124516 AC-YD-V0,2-SBB-124516

✓ Features

- › Y-distributor M12 with connection cable, 5-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 0.29 m
-

Actuator

✓ Actuator CET-A-BWK-50X





















096327 CET-A-BWK-50X

✓ Features


- › Actuator for read head/safety switch CET
 - › Four safety screws M5x16 included
-



Instructions

▼ Bezpečnostní informace CET (-AR/-AP)

| | Doc. no. | Version | Language | Download |
|--------------------------------------------|----------|----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Sicherheitsinformation CET (-AR/-AP) | 105517 | 14-01/17 |  |  0.7 MB |
| Información de seguridad CET (-AR/-AP) | | |  | |
| Information de sécurité CET (-AR/-AP) | | |  | |
| Informazioni sulla sicurezza CET (-AR/-AP) | | |  | |
| Safety Information CET (-AR/-AP) | | |  | |
| Bezpečnostní informace CET (-AR/-AP) | 105517 | 14-01/17 |  |  0.2 MB |
| Informação de segurança CET (-AR/-AP) | 105517 | 14-01/17 |  |  0.2 MB |
| Güvenlik bilgisi CET (-AR/-AP) | 105517 | 14-01/17 |  |  0.3 MB |
| 安全情報 CET (-AR/-AP) | 105517 | 14-01/17 |  |  0.6 MB |
| Информация о безопасности CET (-AR/-AP) | 105517 | 14-01/17 |  |  0.3 MB |
| 安全信息 CET (-AR/-AP) | 105517 | 14-01/17 |  |  0.3 MB |

▼ Návod k použití Bezpečnostní spínač s kódovaným transpondérem a jištěním ochranného krytu CET.-AR-... (Unicode/Multicode)

| | Doc. no. | Version | Language | Download |
|------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Betriebsanleitung Transpondercodierter Sicherheitsschalter mit Zuhaltung CET.-AR-... (Uni-/Multicode) | 2110788 | 12-07/18 |  |  3.3 MB |
| Mode d'emploi Interrupteur de sécurité à codage par transpondeur avec interverrouillage CET.-AR-... (uni-/multicode) | 2110788 | 12-07/18 |  |  3.3 MB |
| Manual de instrucciones Interruptor de seguridad con codificación por transponder con bloqueo CET.-AR-... (Unicode/Multicode) | 2110788 | 12-07/18 |  |  3.3 MB |
| Návod k použití Bezpečnostní spínač s kódovaným transpondérem a jištěním ochranného krytu CET.-AR-... (Unicode/Multicode) | 2110788 | 12-07/18 |  |  3.6 MB |
| Operating Instructions Transponder-Coded Safety Switch With Guard Locking CET.-AR-... (Unicode/Multicode) | 2110788 | 12-07/18 |  |  3.3 MB |
| Istruzioni di impiego Finecorsa di sicurezza con codifica a transponder con meccanismo di ritenuta CET.-AR-... (Unicode/Multicode) | 2110788 | 12-07/18 |  |  3.3 MB |
| 操作指示書トランスポンダー型コード化安全スイッチ CET.-AR-... (ユニコード/マルチコード) | 2110788 | 12-07/18 |  |  3.7 MB |
| Návod na prevádzku Bezpečnostný spínač kódovaný transpondérom s istením CET.-AR-... (Uni-/Multicode) | 2110788 | 12-07/18 |  |  3.5 MB |
| İşletim kılavuzu Kapalı tutmalı CET.-AR-... (Uni-/Multicode) | 2110788 | 12-07/18 |  |  3.7 MB |
| 使用说明书应答机编码安全开关 CET.-AR-... (特殊/通用编码) | 2110788 | 12-07/18 |  |  3.7 MB |

Инструкция по эксплуатации Транспондерный предохранительный выключатель с защитной блокировкой CET.-AR-... (Uni-/Multicode) 2110788 12-07/18   3.8 MB







Catalogs

- Transpondercodierte Sicherheitsschalter - Verriegelungseinrichtungen und Zuhaltungen
Transponder-coded safety switches - Interlocking devices and guard locking devices
Interruptores de seguridad con codificación por transponder - Dispositivos de enclavamiento y bloqueos
Interrupteurs de sécurité à codage par transpondeur - Dispositifs de verrouillage et interverrouillages

| | Doc. no. | Version | Language | Download |
|---------------------------------------------------------------------------------------------------------|----------|----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Transpondercodierte Sicherheitsschalter - Verriegelungseinrichtungen und Zuhaltungen | 127594 | 02-01/18 |  |  5.2 MB |
| Interrupteurs de sécurité à codage par transpondeur - Dispositifs de verrouillage et interverrouillages | 137558 | 02-01/18 |  |  5.2 MB |
| Interruptores de seguridad con codificación por transponder - Dispositivos de enclavamiento y bloqueos | 137560 | 02-01/18 |  |  5.2 MB |
| Transponder-coded safety switches - Interlocking devices and guard locking devices | 127595 | 02-01/18 |  |  5.1 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 | 2110802 | 10-01/17 |      |  0.3 MB |