









Elektrischer Anschluss

Electrical connection

8-pol. Netzwerkbuchse (LAN)  Pin Signal 1 Transmit Data (+) 2 Transmit Data (-) 3 Receive Data (+) 4 nicht belegt 5 nicht belegt 6 Receive Data (-) 7 nicht belegt 8 nicht belegt	4-polige M12-Buchse (externe Beleuchtung)  Pin Signal 1 24 V Versorgung 2 nicht belegt 3 Masse 4 Beleuchtungs-Ansteuerung	8-pin Network connection (LAN)  Pin Signal 1 Transmit data (+) 2 Transmit data (-) 3 Receive data (+) 4 not assigned 5 not assigned 6 Receive data (-) 7 not assigned 8 not assigned	4-pin M12 socket (external illumination)  Pin Signal 1 24 V power supply 2 not connected 3 Ground 4 Illumination control
8-pol. Harting Stecker (Process)  Pin Signal 1 nicht belegt 2 Masse extern 3 nicht belegt 4 nicht belegt 5 24 V Versorgung extern 6 24 V Versorgung Gerät 7 nicht belegt 8 Masse Gerät	4-polige M12-Buchse (Trigger)  Pin Signal 1 24 V Versorgung 2 nicht belegt 3 Masse 4 Triggersignal	8-pin Harting connection (Process)  Pin Signal 1 not connected 2 External ground 3 not connected 4 not connected 5 24 V external power supply 6 24 V device power supply 7 not connected 8 Device ground	4-pin M12 socket (Trigger)  Pin Signal 1 24 V power supply 2 not connected 3 Ground 4 Trigger signal

Adressen/Addresses

Hochtemperatur-Identifikationssystem
High temperature identification system

OIT500-F113-B12-CB3

CE

Pepperl+Fuchs GmbH
68301 Mannheim · Germany
Tel. +49 621 776-4411
Fax +49 621 776-27-4411
E-mail: fa-info@de.pepperl-fuchs.com

Worldwide Headquarters
Pepperl+Fuchs GmbH · Mannheim · Germany
E-mail: fa-info@de.pepperl-fuchs.com

USA Headquarters
Pepperl+Fuchs Inc. · Twinsburg · USA
E-mail: fa-info@us.pepperl-fuchs.com

Asia Pacific Headquarters
Pepperl+Fuchs Pte Ltd · Singapore
E-mail: fa-info@sg.pepperl-fuchs.com
Company Registration No. 199003130E

www.pepperl-fuchs.com

Doc. No.: 45-4655C
DIN A3 -> DIN

Part. No.: 274807
Date: 02/04/2019



ERC

PEPPERL+FUCHS
SENSING YOUR NEEDS

Technische Daten

Allgemeine Daten	
Lichtsender	Integrierter LED-Blitz
Lichtart	infrarot
Symbologien	CB1: Lochmatrix 6 x 6 6 Ziffern dezimal CB3: Lochmuster 3 x 12 12 Ziffern binär
Leseabstand	CB1: 300 ... 450 mm CB3: 350 ... 400 mm
Lesefeld	340 mm x 210 mm bei max. Leseabstand
Auswertefrequenz	5 Hz
Objektgeschwindigkeit	getriggert ≤ 0,5 m/s
Kenndaten funktionale Sicherheit	
MTTF _d	51 a
Gebrauchsdauer (T _M)	10 a
Diagnosedeckungsgrad (DC)	0 %
Anzeigen/Bedienelemente	
Betriebsanzeige	LED grün: Versorgung LED grün: Bereitschaft
Funktionsanzeige	LED gelb: Trigger LED gelb: Code gelesen LED rot: Vorfalld LED rot: Sammelfehler
Elektrische Daten	
Betriebsspannung U _B	24 V DC ± 15% , PELV
Betriebsstrom I _B	250 mA ohne Ausgangstreiber
Schnittstelle	
Physikalisch	Ethernet
Protokoll	TCP/IP
Übertragungsrate	100 MBit/s
Ausgang	
Anzahl/Typ	1 konventioneller Elektronikausgang, PNP
Schaltspannung	24 V ± 15 % PELV
Schaltstrom	100 mA je Ausgang
Umgebungsbedingungen	
Umgebungstemperatur	0 ... 45 °C (32 ... 113 °F)
Lagertemperatur	-20 ... 60 °C (-4 ... 140 °F)
Mechanische Daten	
Schutzart	IP64
Anschluss	Harting HAN, 8-polig RJ-45 2 x M12-Buchse 5-polig
Material	
Gehäuse	Aluminium-Druckguss pulverbeschichtet
Masse	ca. 4000 g

Technical data

General specifications	
Light source	Integrated LED lightning
Light type	infrared
Symbologies	CB1: perforated matrix 6 x 6 6 decimal digits CB3: hole pattern 3 x 12 12 binary digits
Read distance	CB1: 300 ... 450 mm CB3: 350 ... 400 mm
Reading field	340 mm x 210 mm at max. read distance
Evaluation frequency	5 Hz
Target velocity	triggered ≤ 0.5 m/s
Functional safety related parameters	
MTTF _d	51 a
Mission Time (T _M)	10 a
Diagnostic Coverage (DC)	0 %
Indicators/operating means	
Operation indicator	LED green: supply LED green: ready
Function indicator	Yellow LED: trigger Yellow LED: code read Red LED: pre-fault Red LED: group error
Electrical specifications	
Operating voltage U _B	24 V DC ± 15% , PELV
Operating current I _B	250 mA without output drivers
Interface	
Physical	Ethernet
Protocol	TCP/IP
Transfer rate	100 MBit/s
Output	
Number/Type	1 conventional electronic output, PNP
Switching voltage	24 V ± 15 % PELV
Switching current	100 mA each output
Ambient conditions	
Ambient temperature	0 ... 45 °C (32 ... 113 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64
Connection	8-pin Harting HAN RJ-45 2 x 5-pin M12 socket
Material	
Housing	diecast aluminum powder coated
Mass	approx. 4000 g

Sicherheitshinweise:

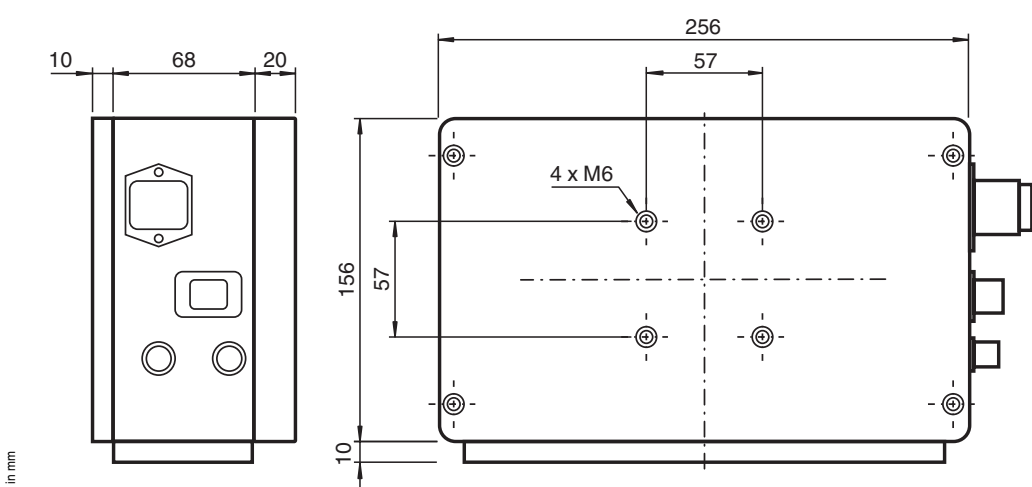
- Vor der Inbetriebnahme Betriebsanleitung lesen
- Anschluss, Montage und Einstellung nur durch Fachpersonal
- Kein Sicherheitsbauteil gemäß EU-Maschinenrichtlinie

Security Instructions:

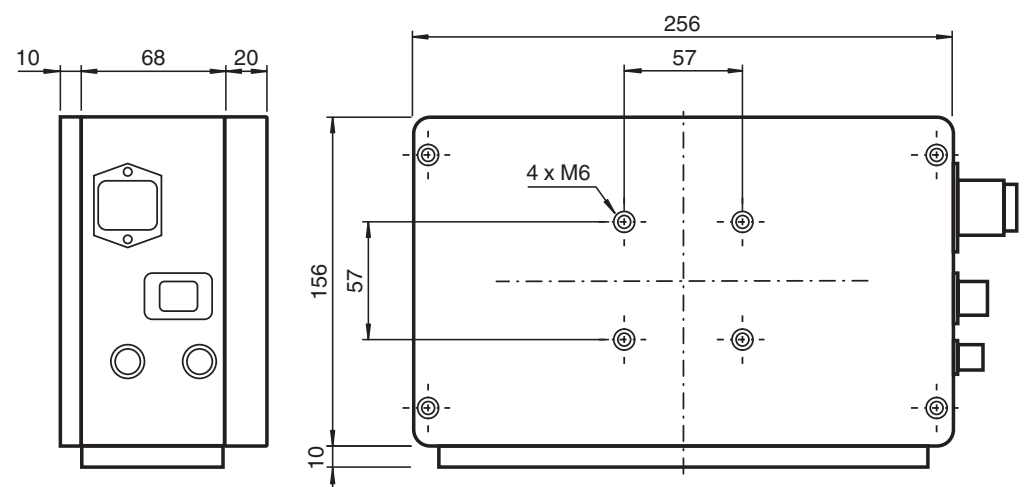
- Read the operating instructions before attempting commissioning
- Installation, connection and adjustments should only be undertaken by specialist personnel
- Not a safety component in accordance with the EU Machinery Directive

Abmessungen

Dimensions

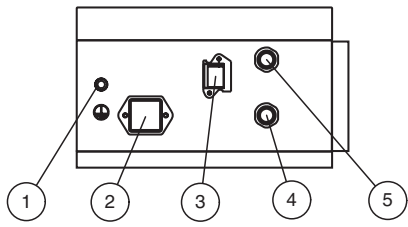


alle Maße in mm



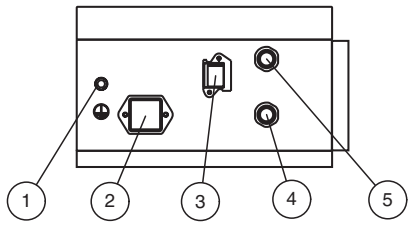
all dimensions in mm

Anzeigen/Bedienelemente



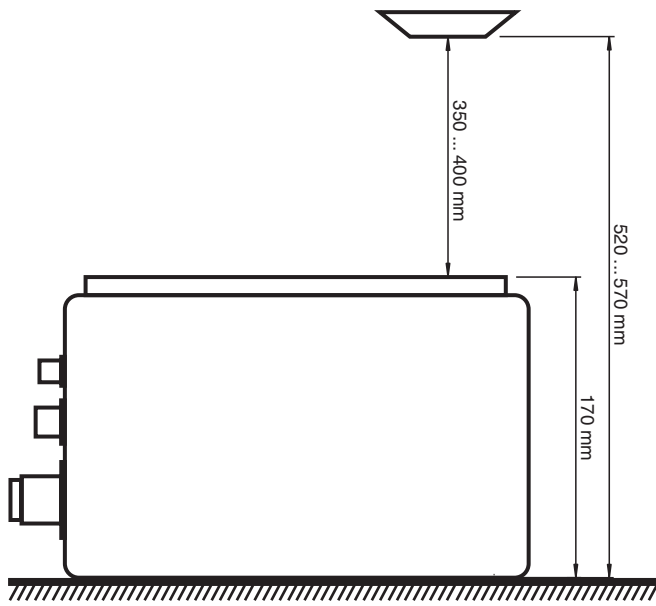
1	Erdungsschraube
2	Spannungsversorgung
3	Netzwerk
4	Trigger
5	externe Beleuchtung

Indicators/operating means



1	Grounding screw
2	Power supply
3	Network
4	Trigger
5	external illumination

Hinweise



Notes

