CIT3PL1N30-STA (Order no. 071552)

Read-only head CIT3 with parallel interface, plugged in axially

- Parallel interface
- Cylindrical design M30
- M12 plug connector
- Axial connection

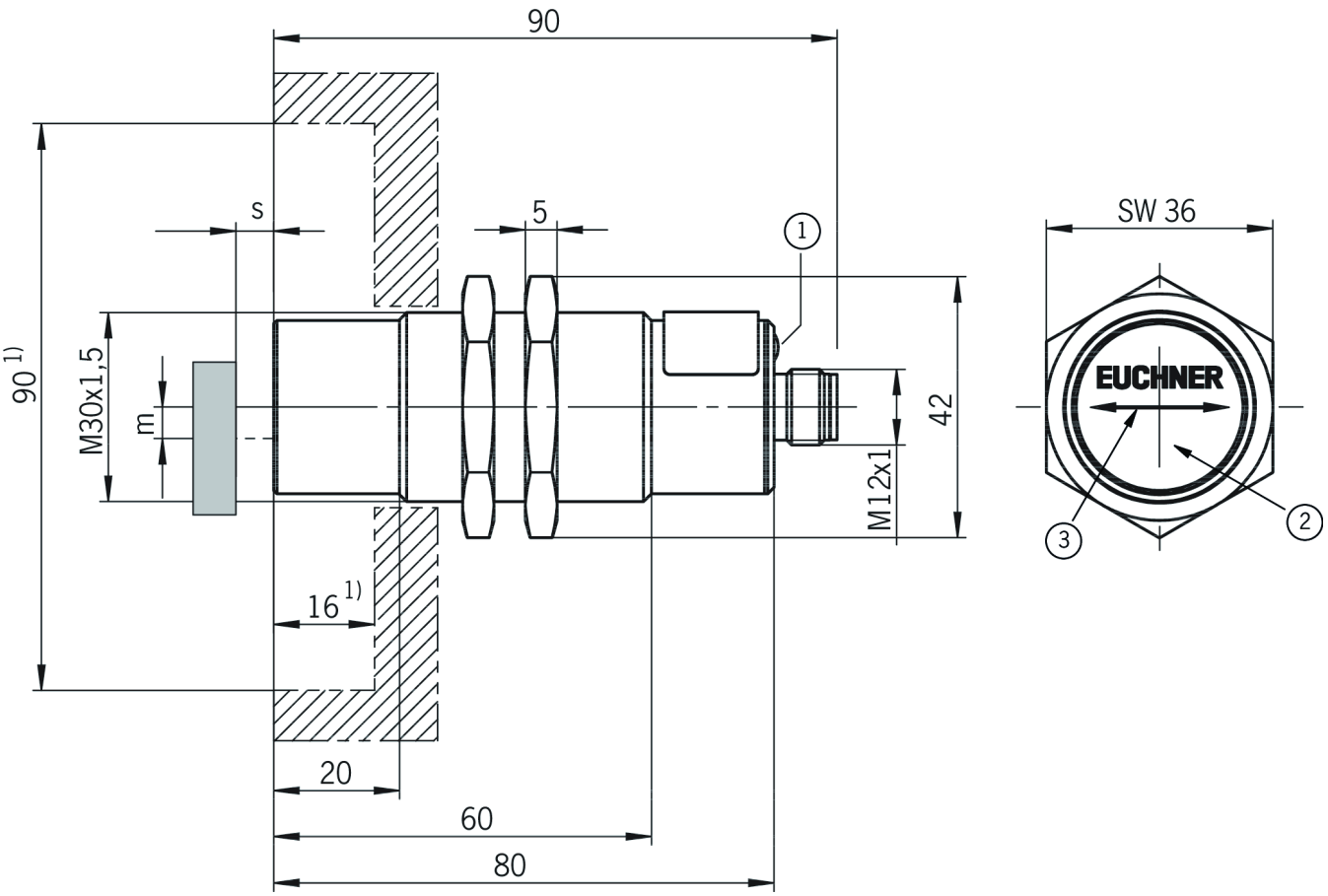
Mounting instructions

On mounting the read head and data carrier, it is to be ensured the crossing direction as per the direction of the arrow on the active face of the read head is observed.

Attention:

On the use of a screened cable the connecting cable is allowed to be max. 50 m long.

Dimensional drawings



1 LED

1) Clear zone

2 Active face

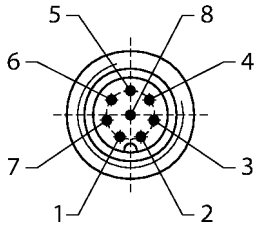
3 Crossing direction

m Center offset

s Read distance

Connection examples

Pin	Bezeichnung	Beschreibung	Aderfarbe
1	0V/GND	Masse, DC 0 V	WH
2	24 V/U_B	Spannungsversorgung, DC 24 V	BN
3	A	Ausgang Datenleitung A	GN
4	B	Ausgang Datenleitung B	YE
5	C	Ausgang Datenleitung C	GY
6	D	Ausgang Datenleitung D	PK
7	SKIP	Eingang Datentakt	BU
8	STROBE	Ausgang Datenträger aktiv	RD
-		Schirm	offen



Ansicht auf Steckseite des Lesekopfs

Der Schirm der Anschlussleitung ist über die Rändelmutter des M12-Steckverbinders mit dem Gehäuse des Lesekopfs verbunden.

Technical data

Approvals

EAC

Operating and display elements

LED display	Yellow: data carrier active

Electrical connection values

Output type	Push-Pull
Output voltage	
	UB – 3 ... UB V DC for HIGH – level
	0 ... 2 V DC for LOW – level
Operating voltage DC	20 ... 24 ... 28 V DC (All electrical connections must be isolated from the mains either by safety transformers according to IEC/EN 61558-2-6 with limitation of the output voltage in the event of a fault or by equivalent isolation measures.)
Input voltage	
	min. 15 V DC SKIP input HIGH – level
	max. 2 V DC SKIP input LOW – level
Switching current	
per output	-30 ... +30 mA
Current consumption	
without load	65 ... 100 mA
Resistance	4.5 kΩ Input resistance

Mechanical values and environment

Connection type	M12 plug, 8-pin, axial connection (The shield on the connecting cable is connected to the read head's housing via the knurled nut on the M12 plug connector.)
Mounting type	surface
Degree of protection	IP67
Ambient temperature	0 ... +50 °C

Material		
	Housing	CuZn, nickel plated

Interface

Date interface	4-bit parallel, binary coded via HIGH/LOW level

In combination with data carriers CIS3P35X16SH16YHNOU, CIS3P35X16SH16YHNOP, CIS3P35X16SH16YVNOU, CIS3P35X16SH16YVNOP

Read distance		
	at 21 °C	0 ... 7 ... 18 mm
Center offset		
	at 21 °C	−8 ... 8 mm (Center offset mL in y-direction (at sL = 7 mm))
	at 21 °C	−23 ... 23 mm (Center offset mL in x-direction (at sL = 7 mm))

In combination with data carriers CIS3P16D08KH16YSNOU, CIS3P16D08KH16YSNOP

Read distance		0 ... 5 ... 14 mm
Center offset		
	at 25 °C	−6 ... 6 mm (Center offset mL in y-direction (at sL = 5 mm))
	at 25 °C	−18 ... 18 mm (Center offset mL in x-direction (at sL = 5 mm))

Downloads

All documentation for this material can be found on our website:
https://www.euchner.de/en-us/a/071552/?#downloads-tab

Ordering data

Ordernumber	071552
Item designation	CIT3PL1N30-STA
Gross weight	0,22kg
Customs tariff number	85389099990
ECLASS	27-28-04-01 Identification, RFID Reader

Accessories

Connection accessories

Connecting cable with plug connector M12, 8-pin, 10 m

077752
C-M12F08-08X025PV10,0-GA-077752

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

Connecting cable with plug connector M12, 8-pin, 15 m

077753
C-M12F08-08X025PV15,0-GA-077753

- M12 female plug, 8-pin
- Straight plug connector
- PVC cable, screened
- Cable length 15 m
- With flying lead

Connecting cable with plug connector M12, 8-pin, 20 m

077871
C-M12F08-08X025PV20,0-GA-077871

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

Connecting cable with plug connector M12, 8-pin, 25 m

077872
C-M12F08-08X025PV25,0-GA-077872

- M12 female plug, 8-pin
- Straight plug connector
- PVC cable, screened
- Cable length 25 m
- With flying lead

Connecting cable with plug connector M12, 8-pin, 5 m

077751
C-M12F08-08X025PV05,0-GA-077751

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

Connecting cable with plug connector M12, 8-pin, 50 m

077873
C-M12F08-08X025PV50,0-GA-077873

- M12 female plug, 8-pin
- Straight plug connector
- PVC cable, screened
- Cable length 50 m
- With flying lead

Data carrier

Data carrier CIS3 horizontal

084747
CIS3P35X16SH16YHNOP

- Cube-shaped design 35 x 16 mm
- Programmed

084746
CIS3P35X16SH16YHNOU

- Cube-shaped design 35 x 16 mm
- Unprogrammed

040045
CIS3P35X16SH01KH

Data carrier CIS3 round

088832
CIS3P16D08KH16YSNOU

- Cylindrical design, Ø 16 mm
- Unprogrammed

088833
CIS3P16D08KH16YSNOP

- Cylindrical design, Ø 16 mm
- Programmed

Data carrier CIS3 vertical

095951
CIS3P35X16SH16YVNOP

- Cube-shaped design 35 x 16 mm
- Programmed

095950
CIS3P35X16SH16YVNOU

- Cube-shaped design 35 x 16 mm
- Unprogrammed