

ITEM 071950 CIT3PL1N30-STR

Description	Technical data	Accessories	Downloads
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Features

- › Parallel interface
- › Cylindrical design M30
- › M12 plug connector
- › Radial connection

Approvals



Mechanical values and environment

Housing material	CuZn, nickel-plated
Ambient temperature	0 ... 50 °C
Degree of protection	IP67
Mounting method	Surface

Connection	M12 plug, 8-pin, radial connection ^[1]
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Electrical connection ratings

Operating voltage DC	20 ... 28 V DC ^[2]
Current consumption	65 ... 100 mA
Switching current	-30 ... +30 mA
Type of output	Push-Pull
Resistance	Input resistance 4,5 kΩ
Output voltage	
	For HIGH levelmin.U _b - 3 V DC
	For LOW levelmax.2 V DC
Input voltage	
	SKIP input HIGH levelmin.15 V DC
	SKIP input LOW levelmax.2 V DC
LED indicator	Yellow: Data carrier active

Interface, bus

Data interface	4 bit binary coded + strobe
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in combination with Data carrier CIS3P16D08KH16YSNOU, CIS3P16D08KH16YSNOP

Mechanical values and environment

Approach speed	
At 21°C, read distance s=5mm, center offset=0mm in Y direction, for 4 hexadecimal	max.19,2 m/min

Operating distance

Read distance	0 ... 5 mm 14 mm
Center offset	
At 25°C, read distance s=5mm, in X direction	-18 ... 18 mm
At 25°C, read distance s=5mm, in Y direction	-6 ... 6 mm

in combination with Data carrier CIS3P35X16SH16YHNOP, CIS3P35X16SH16YHNOU, CIS3P35X16SH16YVNOP, CIS3P35X16SH16YVNOU

Mechanical values and environment

Approach speed	
At 21°C, read distance s=7mm, center offset=0mm in Y direction, for 4 hexadecimal	max.24,6 m/min

Operating distance

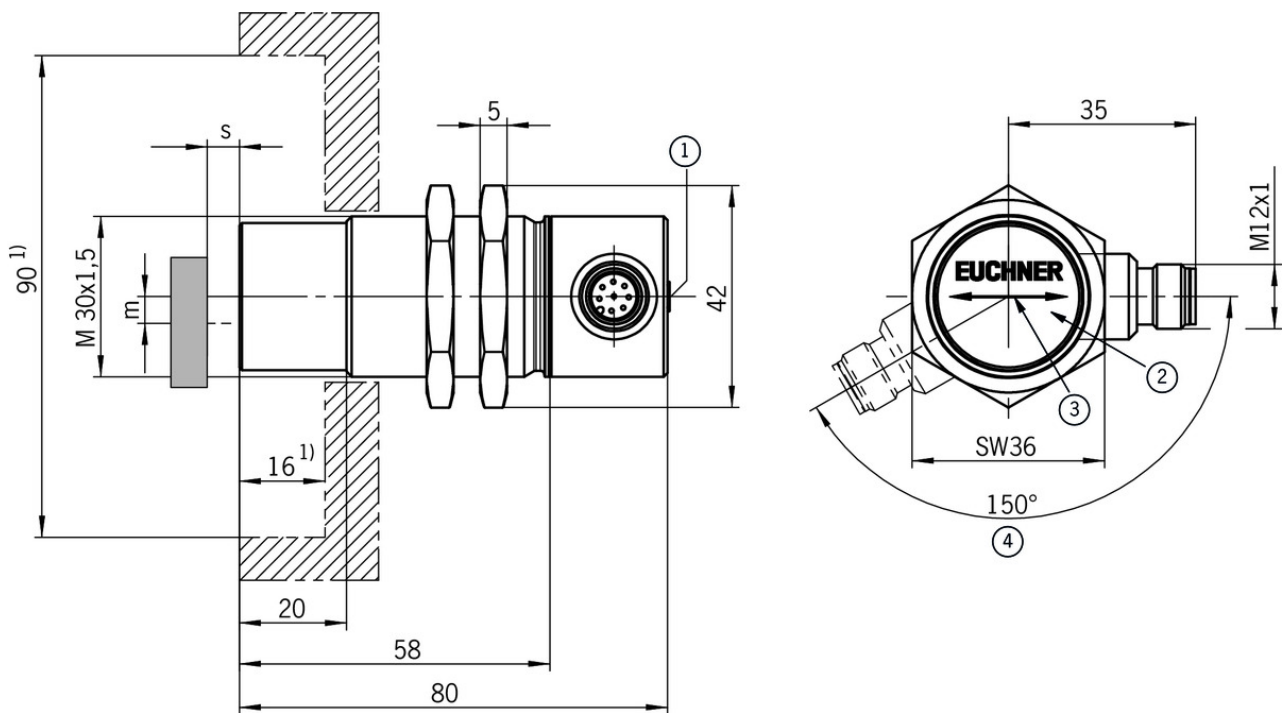
Read distance	
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	At 21°C	0 ... 7 mm 18 mm
Center offset		
At 21°C, read distance $s=7\text{mm}$, in X direction		-23 ... 23 mm
At 21°C, read distance $s=7\text{mm}$, in Y direction		-8 ... 8 mm

[1] The screen on the connection cable is connected to the read head's housing via the knurled nut on the M12 plug connector.

[2] All the electrical connections must either be isolated from the mains supply by a safety transformer according to IEC/EN 61558-2-6 with limited output voltage in the event of a fault, or by other equivalent isolation measures.

Dimension drawing

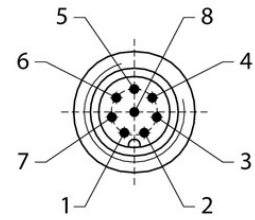


Legende

- s Read distance
- m Center offset
- 1) Clear zone
- 1 LED
- 2 Active face
- 3 Crossing direction
- 4 Adjustment range

Terminal assignment

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.

Data carrier

☑ Data carrier CIS3 round



088833 CIS3P16D08KH16YSNOP



088832 CIS3P16D08KH16YSNOU

☑ Data carrier CIS3 vertical



095951 CIS3P35X16SH16YVNOP



095950 CIS3P35X16SH16YVNOU

☑ Data carrier CIS3 horizontal



084746 CIS3P35X16SH16YHNOU



084747 CIS3P35X16SH16YHNOP

Connection material

☑ Connection cable with plug connector M12, 8-pin, 15m



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

☑ Features

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

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



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

▼ Features

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

▼ Connection cable with plug connector M12, 8-pin, 25m



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

▼ Features

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

▼ Connection cable with plug connector M12, 8-pin, 50m



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

▼ Features

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

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



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

▼ Features

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

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









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

▼ Features





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

Instructions

▼ Betriebsanleitung Berührungsloses Sicherheitssystem CES-A-ABA-01/CES-A-ABA-01B (Unicode)







	Doc. no.	Version	Language	Download
Betriebsanleitung Berührungsloses Sicherheitssystem CES-A-ABA-01/CES-A-ABA-01B (Unicode)	2071873	16-07/17		 1.4 MB
Mode d'emploi Système de sécurité sans contact CES-A-ABA-01/CES-A-ABA-01B (unicode)	2071873	16-07/17		 1.4 MB
Manual de instrucciones Sistema de seguridad sin contacto CES-A-ABA-01/CES-A-ABA-01B (Unicode)	2071873	16-07/17		 1.4 MB
Operating Instructions Non-Contact Safety System CES-A-ABA-01/CES-A-ABA-01B (Unicode)	2071873	16-07/17		 1.4 MB
Istruzioni di impiego Sistema di sicurezza senza contatto CES-A-ABA-01/CES-A-ABA-01B (Unicode)	2071873	16-07/17		 1.4 MB

▼ Handbuch Induktives Schreib-Lese Identsystem CIS3(A)

	Doc. no.	Version	Language	Download
Handbuch Induktives Schreib-Lese Identsystem CIS3(A)	071652	01-08/99		 0.5 MB
System - Manual Inductive Read/Write Identsystem CIS3	071652	01-08/99		 0.4 MB







Catalogs






▼ Identsystem CIS Identification System CIS Système d'identification CIS

	Doc. no.	Version	Language	Download
Identsystem CIS	076621	03-01/13		 5.6 MB
Système d'identification CIS	110763	03-01/13		 5.5 MB
Identification System CIS	076660	03-01/13		 5.5 MB

Declaration of conformity

▼ EC-Declaration of Conformity CIT3; CIA3; CIS3

	Doc. no.	Version	Language	Download
EG-Konformitätserklärung CIT3; CIA3; CIS3 EC-Declaration of Conformity CIT3; CIA3; CIS3 CE-Declaración de Conformidad CIT3; CIA3; CIS3 CE-Déclaration de Conformité CIT3; CIA3; CIS3 CE-Dichiarazione di conformità CIT3; CIA3; CIS3	077155	10-01/17	    	 0.3 MB

EU-Konformitätserklärung	077155	10-01/17		 0.3 MB
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU declaration of conformity			