

ITEM 096560 CIT3SX1R1G05KX

Description	Technical data	Accessories	Downloads
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Features

- › Serial interface RS232
- › Active face can be adjusted to 5 different positions
- › Standard housing according to EN 50041
- › Connection terminals

Serial interface

The individual commands for reading and writing the data carrier are in accordance with the common 3964R protocol and are described in the EUCHNER CIS3 system manual (order no. 071 652). For data carrier programming away from the system, a convenient WINDOWS®-compatible PC software application is available (Software Transponder Coding, see page 41).

Standard housing

The size of the robust housing in degree of protection IP65 is compliant with the standard EN 50041. The division into 3 assemblies permits easy mounting and straightforward replacement.

Mounting instructions

On mounting the read/write 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/write head is observed.

Attention:

On the usage of a screened cable the connection cable for the serial interface is allowed to be max. 5 m long.

Approvals



Mechanical values and environment

Housing material	Plastic
Ambient temperature	0 ... 55 °C
Degree of protection	IP65
Connection	Screw terminal
Cable length	RS232max.5 m

Electrical connection ratings

Operating voltage DC	20 ... 24 ... 28 V DC [1]
Current consumption	max.140 mA
LED indicator	
	Green Operational
	Yellow Data carrier in operating distance

Interface, bus

Data interface	RS232
Data protocol	3964R via RS232 8 data bits, even parity
Data rate	9,6 kbit/s

in combination with Data carrier CIS3P16D08KH16YSNOU, CIS3P16D08KH16YSNOP

Operating distance

Read distance	0 ... 5 ... 14 mm
Center offset	
At 25°C, read distance s=5mm, in X direction	-10 ... 10 mm
At 25°C, read distance s=5mm, in Y direction	-6 ... 6 mm
Write distance	

At 25°C 0 ... 5 ... 9 mm

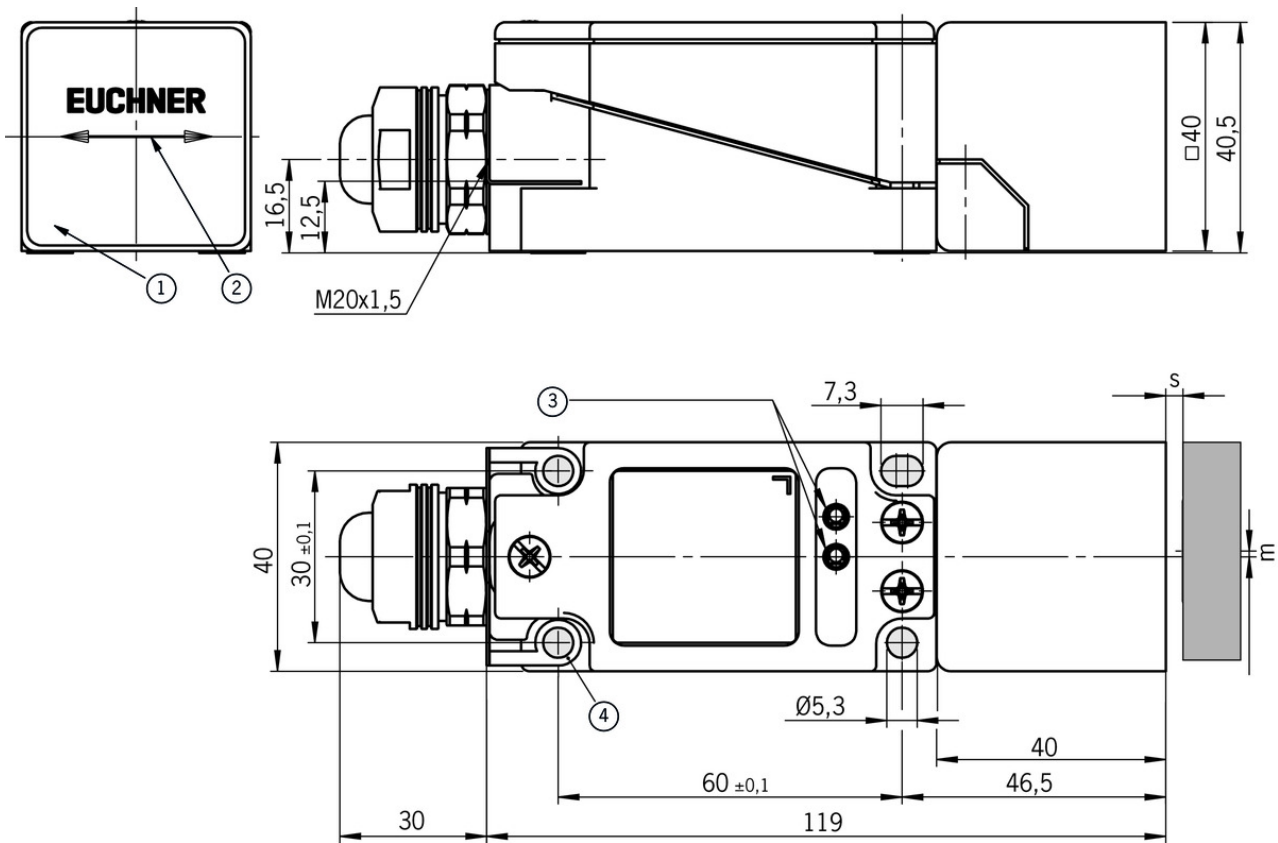
in combination with Data carrier CIS3P35X16SH16YHNOP, CIS3P35X16SH16YHNOU, CIS3P35X16SH16YVNOP, CIS3P35X16SH16YVNOU

Operating distance

Read distance	At 25°C	0 ... 7 ... 18 mm
Center offset		
At 25°C, read distance s=5mm, in X direction		-10 ... 10 mm
At 25°C, read distance s=5mm, in Y direction		-8 ... 8 mm
Write distance	At 25°C	0 ... 5 ... 10 mm

[1] 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 Active face
- 2 Crossing direction
- 3 LED status indication
- 4 screen bonding clamp

Terminal assignment

Klemme	Bezeichnung	Beschreibung
1	24 V/ U_B	Spannungsversorgung, DC 24 V
2	RxD	Serielle Schnittstelle Empfangen
3	0V/GND	Masse, DC 0 V
4	TxD	Serielle Schnittstelle Senden

Connection material

-
- ▼ 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
-

- ▼ 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

Data carrier

▼ Data carrier CIS3 round



088832 CIS3P16D08KH16YSNOU

▼ Data carrier CIS3 horizontal



084746 CIS3P35X16SH16YHNOU

▼ Data carrier CIS3 vertical



095950 CIS3P35X16SH16YVNOU

Instructions

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