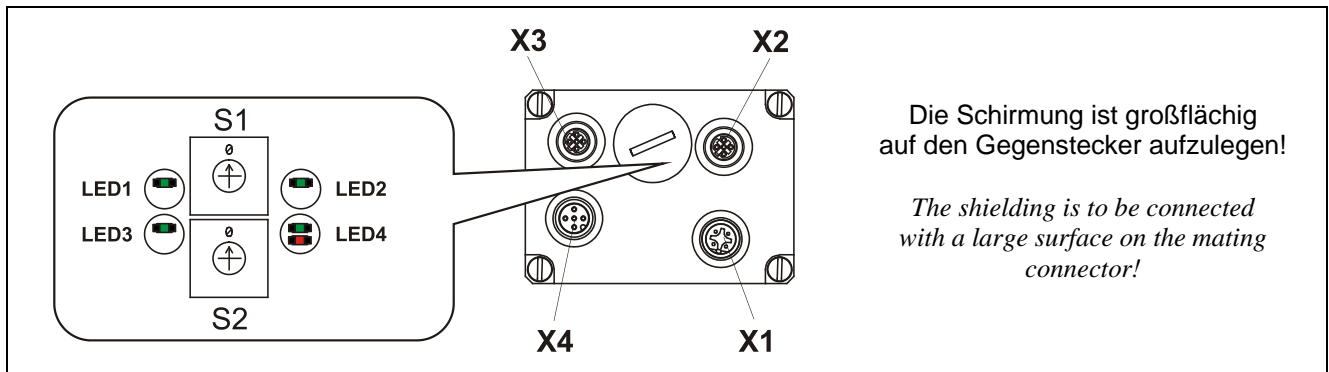


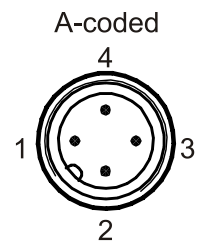
## Steckerbelegung / Pin assignment

### CD\_-75, CDV-115 EtherCAT / FSoE

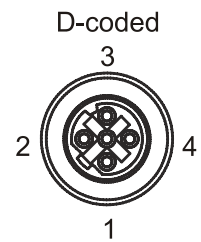


Steckseite / Mating Face

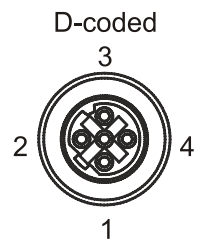
X1	Stift / Male Connector (M12 x 1, 4 pol.)	
1	+24 V DC	Supply Voltage
2	N.C.	
3	0 V, GND	
4	N.C.	



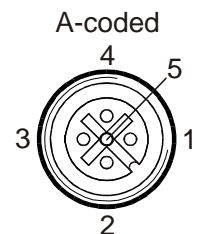
X2	Buchse / Female Connector (M12 x 1, 4 pol.)	
1	TxD+, Transmission Data +	PORT-OUT
2	RxD+, Receive Data +	
3	TxD-, Transmission Data -	
4	RxD-, Receive Data -	



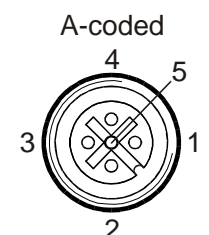
X3	Buchse / Female Connector (M12 x 1, 4 pol.)	
1	TxD+, Transmission Data +	PORT-IN
2	RxD+, Receive Data +	
3	TxD-, Transmission Data -	
4	RxD-, Receive Data -	



X4	Buchse / Female Connector (M12 x 1, 5 pol.)	
1	B +, 5 V differential / 11...27 V DC	INCREMENTAL Pegel siehe Typenschild / Level see name plate
2	B -, 5 V differential / 11...27 V DC	
3	A +, 5 V differential / 11...27 V DC	
4	A -, 5 V differential / 11...27 V DC	
5	0 V, GND	



X4'	Buchse / Female Connector (M12 x 1, 5 pol.)	
1	SIN +, 1 Vss	Alternative SINUS/COSINE, differential
2	SIN -, 1 Vss	
3	COS +, 1 Vss	
4	COS -, 1 Vss	
5	0 V, GND	



Betriebsanleitung beachten! - Observe User Manual!



Änderungen vorbehalten / Subject to change

## Steckerbelegung / Pin assignment

### FSoE-Address

Über die Hex-Adress-Schalter S1 und S2 in der Anschlusshaube wird die Safety-Adresse eingestellt:  S1 = 16 <sup>0</sup> , S2 = 16 <sup>1</sup> . Gültige Adressen = 1...255 (1...0xFF).	By means of the hex address switches S1 and S2 in the connection hood the safety-address is adjusted:  S1 = 16 <sup>0</sup> , S2 = 16 <sup>1</sup> . Valid addresses = 1...255 (1...0xFF).
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### Link / Data Activity PORT-IN, LED1 + PORT-OUT, LED2

	grün	green
OFF	keine Ethernet Verbindung	No Ethernet connection
ON	Ethernet Verbindung hergestellt	Ethernet connection established
Flickering	Datenübertragung TxD/RxD	Data transfer TxD/RxD

### RUN, LED3

	grün	green
OFF	Gerät ist im <i>INIT</i> Zustand	Device is in <i>INIT</i> state
Single flash	Gerät ist im <i>PRE-OPERATIONAL</i> Zustand	Device is in <i>PRE-OPERATIONAL</i> state
Double flash	Gerät ist im <i>SAFE-OPERATIONAL</i> Zustand	Device is in <i>SAFE-OPERATIONAL</i> state
ON	Gerät ist im <i>OPERATIONAL</i> Zustand	Device is in <i>OPERATIONAL</i> state

### Safety State, LED4

	grün	green
OFF	Initialisierung, Gerät aus	Initialization, device off
Single flash	INIT-State, Hochlauf	INIT-State, start-up
Double flash	Data State – Ausgabe von Safe-Daten	Data State – output of safe data
ON	Data State – Ausgabe von Prozessdaten	Data State – output of process data

rot / red	grün / green		
Single flash	OFF	Fehlerquittierung durch den Anwender erforderlich	Error acknowledgment by the user required
ON	OFF	System- oder Sicherheitsfehler	System or safety error



Betriebsanleitung beachten! - Observe User Manual!



Änderungen vorbehalten / Subject to change