

Connection Cable

M12 x 1; 8-pin, X-coding - RJ45; 8-pin

ZC1V009

Part Number

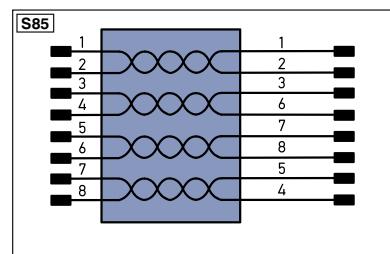
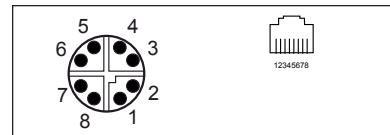


Technical Data

Mechanical Data

Connection 1	Plug, angled
Connection mode 1	M12 x 1, 8-pin, X-cod.
Connection 2	Plug, straight
Connection mode 2	RJ45, 8-pin
Torque	M12: 0,6 Nm
Cable Length	2 m
Cable Diameter	6,4 mm
Wire cross-section	0,14 mm ²
Degree of Protection	IP67
Temperature Range	-10...50 °C
Cable Jacket Material	PUR
Material Wire Insulation	PE
Material Sleeve Nut	Zinc diecasting, nickel-plated
Category	CAT 6A
Screened	yes
Halogen-free	yes
Drag Chain Suitable	no
Packaging unit	1 Piece
Connection Diagram No.	S85
Connection Equipment No.	50

- PUR, angled
- Screened



Legend	
+	Supply Voltage +
-	Supply Voltage 0 V
~	Supply Voltage (AC Voltage)
A	Switching Output (NO)
Ā	Switching Output (NC)
V	Contamination/Error Output (NO)
ĀV	Contamination/Error Output (NC)
E	Input (analog or digital)
T	Teach Input
Z	Time Delay (activation)
S	Shielding
RxD	Interface Receive Path
TxD	Interface Send Path
RDY	Ready
GND	Ground
CL	Clock
E/A	Output/Input programmable
	IO-Link
PoE	Power over Ethernet
IN	Safety Input
OSSD	Safety Output
Signal	Signal Output
BL-D	Ethernet Gigabit bidirect. data line (A-D)
EN08542	Encoder 0-pulse 0-5 (TTL)
PT	Platinum measuring resistor
nc	not connected
U	Test Input
Ū	Test Input inverted
W	Trigger Input
W-	Ground for the Trigger Input
O	Analog Output
O-	Ground for the Analog Output
BZ	Block Discharge
Aw	Valve Output
a	Valve Control Output +
b	Valve Control Output 0 V
SY	Synchronization
SY-	Ground for the Synchronization
E+	Receiver-Line
S+	Emitter-Line
±	Grounding
SnR	Switching Distance Reduction
Rx+/-	Ethernet Receive Path
Tx+/-	Ethernet Send Path
Bw	Interfaces-Bus A(+)/B(-)
La	Emitted Light disengagable
Mag	Magnet activation
RES	Input confirmation
EDM	Contactor Monitoring
EN08542	Encoder A/Ā (TTL)
EN08542	Encoder B/B (TTL)
ENa	Encoder A
ENb	Encoder B
A _{MIN}	Digital output MIN
A _{MAX}	Digital output MAX
A _{OK}	Digital output OK
SY in	Synchronization In
SY OUT	Synchronization OUT
Ol,T	Brightness output
M	Maintenance
rsv	reserved
Wire Colors according to DIN IEC 757	
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink
GNYE	Green/Yellow