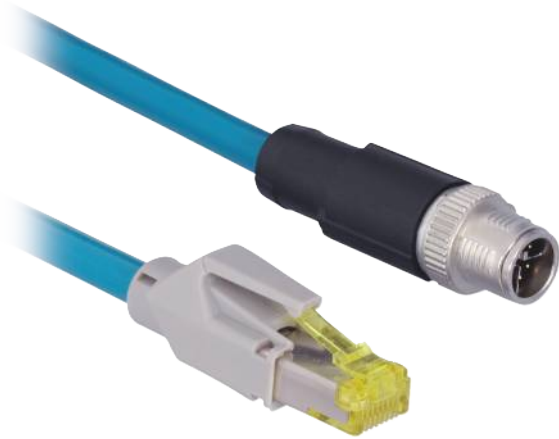


Connection Cable

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

ZC1V014

Part Number



Technical Data

Mechanical Data

Connection 1	Plug, straight
Connection mode 1	M12 × 1, 8-pin, X-cod.
Connection 2	Plug, straight
Connection mode 2	RJ45, 8-pin
Torque	M12: 0,4 Nm
Cable Length	10 m
Diameter Cable	6,9 mm
Wire cross-section	0,14 mm ²
Degree of Protection	IP67
Temperature Range	-10...60 °C
Material Cable Jacket	PUR
Material Wire Isolation	PP
Material Cap Nut	Zinc diecasting, nickel-plated
Category	CAT 5E
Screened	yes
Halogen-free	yes
Drag Chain Suitable	yes
Bending radius (fixed installation)	4 × d
Bending radius (used in motion)	7,5 × d
Travel speed (with 5 m horizontal travel distance)	3 m/s
Acceleration	5 m/s ²
Bending cycles	500000
Packaging unit	1 Piece

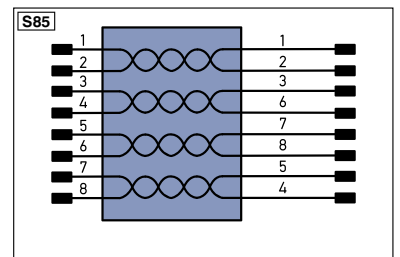
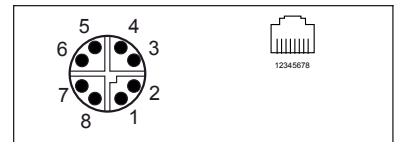
Connection Diagram No.

S85

Connection Technology No.

50

- Drag chain suitable
- PUR, straight
- Screened



Legend

+ Supply Voltage +	PT Platinum measuring resistor	ENa Encoder A
- Supply Voltage 0 V	nc not connected	ENb Encoder B
~ Supply Voltage (AC Voltage)	U Test Input	AMIN Digital output MIN
A Switching Output (NO)	Ü Test Input inverted	AMAX Digital output MAX
Ā Switching Output (NC)	W Trigger Input	AOk Digital output OK
V Contamination/Error Output (NO)	Q Analog Output	SY in Synchronization In
∇ Contamination/Error Output (NC)	O- Ground for the Analog Output	SY OUT Synchronization OUT
E Input (analog or digital)	BZ Block Discharge	OUT Brightness output
T Teach Input	AWV Valve Output	M Maintenance
Z Time Delay (activation)	a Valve Control Output +	
S Shielding	b Valve Control Output 0 V	
RxD Interface Receive Path	SY Synchronization	
TxD Interface Send Path	E+ Receiver-Line	
RDY Ready	S+ Emitter-Line	
GND Ground	≐ Grounding	
CL Clock	SrR Switching Distance Reduction	
E/A Output/Input programmable	Rx+/- Ethernet Receive Path	
IO-Link	Tx+/- Ethernet Send Path	
PoE Power over Ethernet	Bus Interfaces-Bus A(+)/B(-)	
IN Safety Input	La Emitted Light disengageable	
OSSD Safety Output	Mag Magnet activation	
Signal Signal Output	RES Input confirmation	
BI-D+/- Ethernet Gigabit bidirect. data line (A-D)	EDM Contactor Monitoring	
EN0PMS42 Encoder 0-pulse 0-0 (TTL)	ENAPMS42 Encoder A/A (TTL)	
	ENBPMS42 Encoder B/B (TTL)	
		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