

# Connection Cable

M12 × 1; 8-pin - RJ45; 8-pin

## ZCYV004

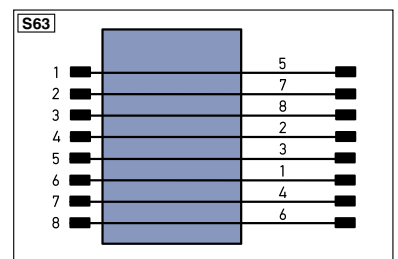
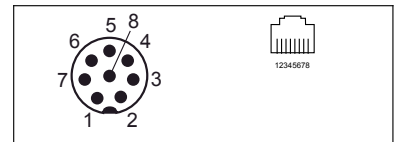
Part Number



### Technical Data

Mechanical Data	
Connection 1	Plug, angled
Connection mode 1	M12 × 1, 8-pin
Connection 2	Plug, straight
Connection mode 2	RJ45, 8-pin
Cable Length	2 m
Outside diameter (d)	6,4 mm
Wire cross-section	0,14 mm <sup>2</sup>
Degree of Protection	IP67
Temperature Range	-25...60 °C
Cable Jacket Material	PUR
Material Wire Insulation	PE
Material Sleeve Nut	CuZn, nickel-plated
Category	CAT 5E
Screened	yes
Halogen-free	yes
Packaging unit	1 Piece
Connection Diagram No.	<b>S63</b>
Connection Equipment No.	<b>88</b>

- Plug M12 × 1, angled
- Plug RJ45, 8-pin



Legend					
+	Supply Voltage +	PT	Platinum measuring resistor	EN <sub>A&amp;B&amp;Z</sub>	Encoder A/A (TTL)
-	Supply Voltage 0 V	nc	not connected	EN <sub>B&amp;A&amp;Z</sub>	Encoder B/B (TTL)
~	Supply Voltage (AC Voltage)	U	Test Input	EN <sub>A</sub>	Encoder A
A	Switching Output (NO)	Ü	Test Input inverted	EN <sub>B</sub>	Encoder B
Ä	Switching Output (NC)	W	Trigger Input	AMIN	Digital output MIN
V	Contamination/Error Output (NO)	W-	Ground for the Trigger Input	AMAX	Digital output MAX
∇	Contamination/Error Output (NC)	O	Analog Output	ACK	Digital output OK
E	Input (analog or digital)	O-	Ground for the Analog Output	SY In	Synchronization In
T	Teach Input	BZ	Block Discharge	SY OUT	Synchronization OUT
Z	Time Delay (activation)	AWV	Valve Output	Out	Brightness output
S	Shielding	a	Valve Control Output +	M	Maintenance
RxD	Interface Receive Path	b	Valve Control Output 0 V	rsv	reserved
TxD	Interface Send Path	SY	Synchronization	Wire Colors according to IEC 60757	
RDY	Ready	SY-	Ground for the Synchronization	BK	Black
GND	Ground	E+	Receiver-Line	BN	Brown
CL	Clock	S+	Emitter-Line	RD	Red
E/A	Output/Input programmable	±	Grounding	OG	Orange
IO-Link	IO-Link	S <sub>n</sub> R	Switching Distance Reduction	YE	Yellow
PoE	Power over Ethernet	Rx+/-	Ethernet Receive Path	GN	Green
IN	Safety Input	Tx+/-	Ethernet Send Path	BU	Blue
OSSD	Safety Output	B <sub>us</sub>	Interfaces-Bus A(+)/B(-)	VT	Violet
Signal	Signal Output	La	Emitted Light disengageable	GY	Grey
BI-D+/-	Ethernet Gigabit bidirect. data line (A-D)	Mag	Magnet activation	WH	White
EN <sub>0-pulse</sub>	Encoder 0-pulse 0-0 (TTL)	RES	Input confirmation	PK	Pink
		EDM	Contactors Monitoring	GNYE	Green/Yellow

Specifications are subject to change without notice