

# Connection Cable

M12 × 1; 8-pin, X-coding

## ZC1V008

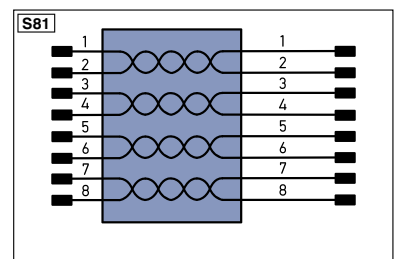
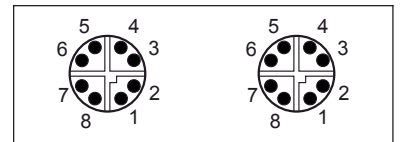
Part Number



### Technical Data

Mechanical Data	
Connection 1	Plug, angled
Connection mode 1	M12 × 1, 8-pin, X-cod.
Connection 2	Plug, straight
Connection mode 2	M12 × 1, 8-pin, X-cod.
Torque	M12: 0,6 Nm
Cable Length	10 m
Diameter Cable	6,4 mm
Wire cross-section	0,14 mm <sup>2</sup>
Degree of Protection	IP67
Temperature Range	-10...50 °C
Material Cable Jacket	PUR
Material Wire Isolation	PE
Material Cap Nut	Zinc diecasting, nickel-plated
Category	CAT 6A
Screened	yes
Halogen-free	yes
Drag Chain Suitable	no
Packaging unit	1 Piece
Connection Diagram No.	<b>S81</b>
Connection Technology No.	<b>50</b>

### ● 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)	Ū	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	0:lt	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		
Bl-D+/-	Ethernet Gigabit bidirect. data line (A-D)	EDM	Contactor Monitoring		
EN0PMS22	Encoder 0-pulse 0-0 (TTL)	ENAPMS22	Encoder A/Ā (TTL)		
		ENBPMS22	Encoder B/B̄ (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		