

Connection Cable

M12 × 1; 12-pin

ZAV12R201

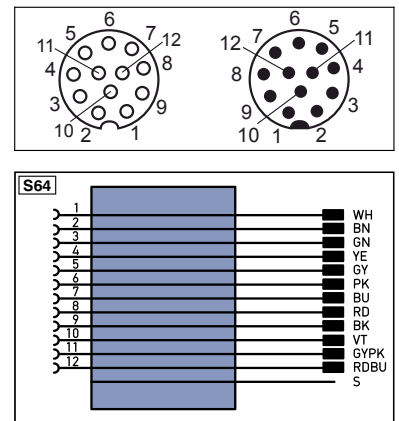
Part Number

Technical Data

Mechanical Data

Connection 1	Socket, straight
Connection mode 1	M12 × 1, 12-pin
Connection 2	Plug, straight
Connection mode 2	M12 × 1, 12-pin
Cable Length	2 m
Cable Diameter	6,4 mm
Wire cross-section	0,14 mm ²
Degree of Protection	IP69K
Temperature Range	-25...90 °C
Cable Jacket Material	PUR
Material Wire Insulation	PP
Material Sleeve Nut	CuZn, nickel-plated
Screened	yes
Halogen-free	yes
Drag Chain Suitable	yes
Packaging unit	1 Piece
Connection Diagram No.	S64
Connection Equipment No.	12

- Plug M12 × 1, straight
- Socket M12 × 1, straight



Legend		
+	Supply Voltage +	PT Platinum measuring resistor
-	Supply Voltage 0 V	nc not connected
~	Supply Voltage (AC Voltage)	U Test Input
A	Switching Output (NO)	Ū Test Input inverted
Ā	Switching Output (NC)	W Trigger Input
V	Contamination/Error Output (NO)	W- Ground for the Trigger Input
Ṽ	Contamination/Error Output (NC)	O Analog Output
E	Input (analog or digital)	O- Ground for the Analog Output
T	Teach Input	BZ Block Discharge
Z	Time Delay (activation)	AWV Valve Output
S	Shielding	a Valve Control Output +
RxD	Interface Receive Path	b Valve Control Output 0 V
TxD	Interface Send Path	SY Synchronization
RDY	Ready	SY- Ground for the Synchronization
GND	Ground	E+ Receiver-Line
CL	Clock	S+ Emitter-Line
E/A	Output/Input programmable	± Grounding
Ⓢ	IO-Link	SnR Switching Distance Reduction
PoE	Power over Ethernet	Rx+/- Ethernet Receive Path
IN	Safety Input	Tx+/- Ethernet Send Path
QSSD	Safety Output	Bus Interfaces-Bus A(+)/B(-)
Signal	Signal Output	La Emitted Light disengageable
Bi-D+/-	Ethernet Gigabit bidirect. data line (A-D)	Mag Magnet activation
EN09S64Z	Encoder 0-pulse 0-0 (TTL)	RES Input confirmation
		EDM Contactor Monitoring
		EN09S64Z Encoder A/A (TTL)
		EN09S64Z Encoder B/B (TTL)
		ENA Encoder A
		ENa Encoder B
		AMIN Digital output MIN
		AMAX Digital output MAX
		AOK Digital output OK
		SY in Synchronization In
		SY OUT Synchronization OUT
		OLt 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