

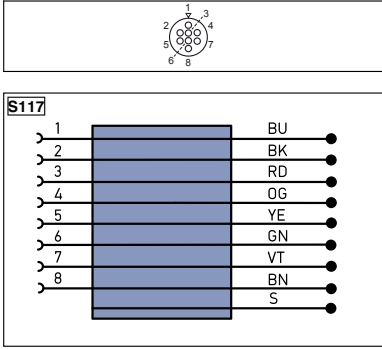
ZDML002

Part Number

Technical Data

Mechanical Data	
Connection 1	Socket, straight
Connection mode 1	Hirose HR25, 8-pin
Connection 2	stripped
Cable Length	2 m
Outside diameter (d)	4,9 mm
Wire cross-section	0,1 mm ²
Jacket color	black
Cable Jacket Material	PVC
Screened	yes
Packaging unit	1 Piece
Connection Diagram No.	S117
Connection Equipment No.	85

● Screened



Legend					
+	Supply Voltage +	PT	Platinum measuring resistor	EN _A MS42	Encoder A/Ä (TTL)
–	Supply Voltage 0 V	nc	not connected	EN _B MS42	Encoder B/B (TTL)
~	Supply Voltage (AC Voltage)	U	Test Input	EN _A	Encoder A
A	Switching Output (NO)	Ü	Test Input inverted	EN _B	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
Ṽ	Contamination/Error Output (NC)	O	Analog Output	ACK	Digital output OK
E	Input (analog or digital)	Q–	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	SnR	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 _{us}	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 ₀ MS42	Encoder 0-pulse 0-0 (TTL)	RES	Input confirmation	PK	Pink
		EDM	Contactor Monitoring	GNVE	Green/Yellow