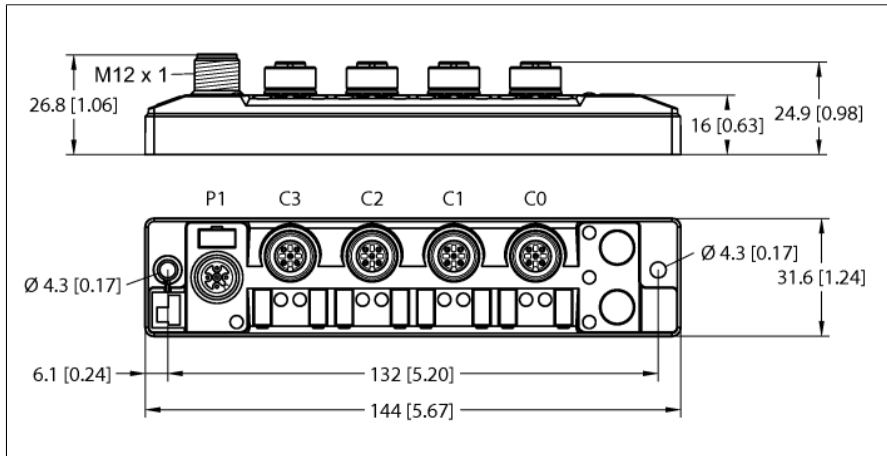


I/O Hub for connection of digital signals to IO-Link Master

8 digital inputs, M12 ports

TBIL-S4-8DIP



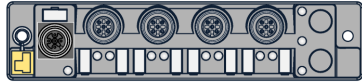
Type designation	TBIL-S4-8DIP
Ident-No.	100002597
Supply	
Supply voltage	24
Admissible range	18...30 VDC
Operating current	120 mA
Sensor/Actuator supply V_{AUX1}	Class A supply from V1
Power dissipation, typical	Short-circuit proof, 4 A per port ≤ 3.6 W
Digital inputs	
Number of channels	8
Connectivity inputs	M12
Type of input diagnostics	Channel diagnostics
Low level signal voltage	-3...5 VDC (EN 61131-2, type 1 and 3)
High level signal voltage	11...30 VDC (EN 61131-2, type 1 and 3)
Input delay	0.010 ms
Sensor supply	0.5A
Max. input current	15 mA
IO-Link	
Connectivity IO-Link	1 x M12
IO-Link specification	Specified acc. to version 1.1
IO-Link port type	Class A
Frame type	2.6
Transmission rate	COM 2 / 38.4 kbps, COM 3 / 230.4 kbps
Programming	FDT/DTM
General Information	
Dimensions (W x L x H)	32 x 144.3 x 32mm
Operating temperature	-40...70 °C
Storage temperature	-40...85 °C
Protection class	IP69K IP67 IP65
Housing material	PA6-GF30
Housing color	Black
Mounting	2 mounting holes □ 4.6 mm

I/O Hub for connection of digital signals to IO-Link Master

8 digital inputs, M12 ports

TBIL-S4-8DIP

Pinning and wiring diagram

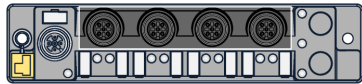
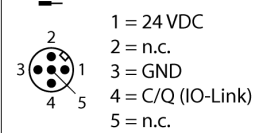


Accessories

Suitable **IO-Link cables** (Example):
 2 m: RK 4T-2-RS 4T (Ident. no. U2151-3)
 5 m: RK 4T-5-RS 4T (Ident. no. U2158-15)
 Further lengths and variants in the product catalog or on request

Suitable **IO-Link masters** (Example):
 BL20-E-4IOL (Ident. no. 6827385)
 BL67-4IOL (Ident. no. 6827386)
 SDPX-IOL4-0001 (Ident. no. 6825480)
 Further types in the product catalog or on request

M12 × 1 IO-Link

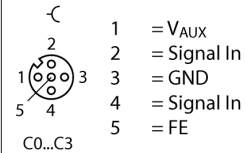


Accessories

Suitable **Sensor supply cables** (Example):
 2 m: RK 4.4T-2-RS 4.4T Ident. no. (U2445)
 5 m: RK 4.4T-5-RS 4.4T Ident. no. (U2167-3)
 Further lengths and variants in the product catalog or on request

Optional Accessories
 Closure cap VZ3 M12 Ident. no. (01202601)
 Labels KS9/20 Ident. no. (10267953)

M12 × 1 I/O port



I/O Hub for connection of digital signals to IO-Link Master

8 digital inputs, M12 ports

TBIL-S4-8DIP

Module LED status

LED indicator	Color	Status	Description
IO-Link	Green	OFF	Power off
		Flashing	IO-Link communication OK, valid process data is being sent or received
	Red	ON	IO-Link communication or module error
		Flashing	IO-Link communication OK, invalid process data or diagnosis enabled

I/O LED Status

LED indicator	Color	Status	Description
Cx – Cx	Green	ON	Input or output active
	Red	ON	Output active with overload/short circuit
		Flashing	Power overload at the corresponding port. Both port LEDs are flashing.
		OFF	Input or output inactive

Cx = Port No.