



- Threaded barrel, M30 x 1.5
- Chrome-plated brass
- Every read/write head can communicate with a number of different TURCK data carriers.
- Powered and operated only via BL ident interface module
- Male M12 x 1, only for use with BL ident extension cable

#### Connectors .../S2500



<b>Type code</b>	TB-M30-H1147
Ident no.	7030003
<b>Mounting condition</b>	flush
Ambient temperature	-25...+70 °C
<b>Operating voltage</b>	10...30VDC
DC rated operational current	≤ 80 mA
Data transfer	inductive coupling
Operating frequency	13.56 MHz
Radio communication and protocol standards	ISO 15693
Read/write distance max.	45 mm
Output function	4-wire, read/write
<b>Design</b>	threaded barrel, M30 x 1.5
Dimensions	62mm
Housing diameter	30 mm
Housing material	metal, CuZn, chrome-plated
Material active area	Plastic, PA

#### Functional principle

The HF read/write heads operating at a frequency of 13.56 MHz form a transmission zone the size of which (0...500 mm) varies, depending on the combination of read/write head and data carrier.

The read/write distances mentioned here only represent standard values measured under laboratory conditions.

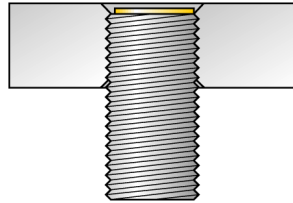
The read/write distances of the data carriers for mounting in metal TW-R\*\*-M(MF) were determined in metal.

Attainable distances may vary by up to 30 % due to component tolerances, mounting conditions, ambient conditions and material qualities (especially when mounted in metal)

Testing of the application under real operating conditions is therefore essential, especially with read/write on-the-fly!

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Diameter of the active area B                     $\varnothing$  30 mm  
Width of the active face B                      30 mm

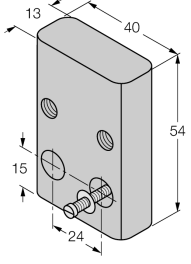
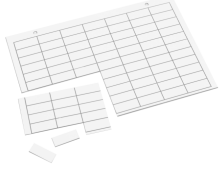
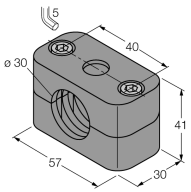
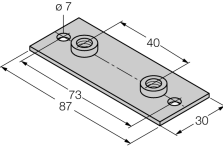
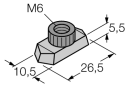


flush mounting

**Accessories**

Type code	Ident no.	Description	Dimension drawing
BST-30B	6947216	Fixing clamp for threaded barrel devices, with dead-stop; material: PA6	
BST-30N	6947217	Fixing clamp for threaded barrel devices, without dead-stop; material: PA6	
QM-30	6945103	Quick-mount bracket with dead-stop; material: Chrome-plated brass Male thread M36 x 1.5. Note: The switching distance of proximity switches can be reduced by the use of quick-mount brackets.	
SCHUTZKAPPE SKN/M30	69664	PTFE-coated caps; for use in welding systems and grinding machinery; protection against intense sparking	
BST-UH	6947219	Base part for BST-12 and BST-18 fixing clamps	

**Accessories**

Type code	Ident no.	Description	Dimension drawing
BST-UV	6947218	Base part for BST-12 and BST-18 fixing clamps	
BST-BS	6947220	Label for BST	
BSS-30	6901319	Mounting bracket for smooth and threaded barrel devices; material: Polypropylene	
BSS-SPV4	6901347	Weld-on plate for BSS mounting bracket, long	
BSS-TSM (2 pcs.)	6901323	DIN rail nut for BSS mounting bracket	

**Accessories**

Type code	Ident no.	Description	Dimension drawing
MW-30	6945005	Mounting bracket for threaded barrel devices; material: Stainless steel A2 1.4301 (AISI 304)	