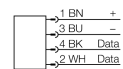


- Rectangular, height 40 mm
- Read/write head (5 positions)
- Plastic, PBT-GF30-VO
- Every read/write head can communicate with a number of different TURCK data carriers.
- Powered and operated only via BL ident interface module
- Male M12 x 1, only for use with BL ident extension cable

#### Connectors .../S2500



<b>Type code</b>	TN-CK40-H1147
Ident no.	7030006
<b>Mounting condition</b>	non-flush, flush mountable
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.	115 mm
Output function	4-wire, read/write
<b>Design</b>	rectangular, CK40
Dimensions	65x 40x 40mm
Housing diameter	40 mm
Housing material	plastic, PBT, black
Material active area	Plastic, PA, yellow
<b>Connection</b>	male, M12 x 1
Vibration resistance	55 Hz (1 mm)
Shock resistance	30 g (11 ms)
Protection class	IP67
MTTF	248 years acc. to SN 29500 (Ed. 99) 40 °C
Power-on indication	LED green
Included in scope of supply	BS4-CK40
<b>Packaged quantity</b>	1

#### 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.

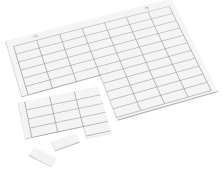
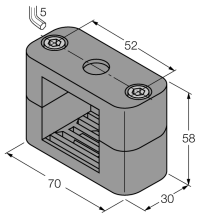
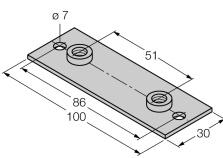
Attainable distances may vary by up to 30 % due to component tolerances, mounting conditions, ambient conditions and material qualities (especially when mounted in metal)

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

**Accessories**

Type code	Ident no.	Description	Dimension drawing
MF-CK40-1S	6900481	Protective frame (one side) rectangular CK40	
MF-CK40-2S	6900482	Protective frame (angle) for rectangular CK40	
MF-CK40-3S	6900483	Protective frame (U profile) CK40	
SG40	69500	Protective housing; housing material: PA (per UL94/V-2); cover: PBT-GF30; for harsh environments; protection degree IP68, 5 m w.g.	
Adjusting bar JS 025/037	69429	Adjusting bar for rectangular housings CK/CP40; material: VA 1.4301	
T-CK40-T-FC	6900146		

**Accessories**

Type code	Ident no.	Description	Dimension drawing
BST-BS	6947220	Label for BST	
BSS-CP40	6901318	Mounting bracket for rectangular devices; material: Polypropylene	
BSS-SPV5	6901324	Weld-on plate for BSS mounting bracket, long	
BSS-TSM (2 pcs.)	6901323	DIN rail nut for BSS mounting bracket	