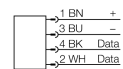


- Rectangular, height 40 mm
- Active face on top
- Plastic, PBT-GF30-VO
- Every read/write head can communicate with a number of different TURCK data carriers.
- Powered and operated only via BL ident interface module
- Male M12 x 1, only for use with BL ident extension cable

#### Connectors .../S2500



<b>Type code</b>	TNLR-Q80-H1147
Ident no.	7030230
<b>Mounting condition</b>	non-flush, flush mountable
Ambient temperature	-25...+70 °C
<b>Operating voltage</b>	19.2...28.8VDC
DC rated operational current	≤ 90 mA
Data transfer	inductive coupling
Operating frequency	13.56 MHz
Radio communication and protocol standards	ISO 15693
Read/write distance max.	215 mm
Output function	4-wire, read/write
<b>Design</b>	rectangular, Q80
Dimensions	92x 80x 40mm
Housing material	plastic, PBT, yellow
Material active area	Plastic
<b>Connection</b>	male
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
<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!