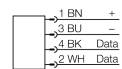
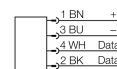


- Rectangular, height 60 mm
- Active face in front
- Plastic, ABS
- Every read/write head can communicate with a number of different TURCK data carriers.
- Powered and operated only via BL ident interface module
- Male M12 x 1, only for use with BL ident extension cable

Connectors .../S2500



Functional principle

The UHF read/write heads form an air interface the size of which may vary, depending on the combination of read/write head and data carrier used.

The read/write distances mentioned here only represent standard values measured under laboratory conditions, free from any influences caused by surrounding materials.

Attainable distances may vary 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!

Because of the higher energy needs of the transponder on a write, the distance is reduced to approximately 40-60% of the reading range.

Type code	TN865-Q120L130-H1147
Ident no.	7030520
Mounting condition	non-flush
Ambient temperature	-25...+50 °C
Operating voltage	12...24VDC
Data transfer	alternating electromagnetic field
Operating frequency	865...868 MHz
Radio communication and protocol standards	ISO 18000-6C EN 302208 EPCglobal Gen 2
Channel spacing	200 kHz
Output power	0.5 W (ERP), adjustable
Antenna polarization	RHCP
Antenna HPBW	110°
Read/write distance max.	1500 mm
Output function	4-wire, read/write
Design	rectangular
Dimensions	130x 120x 60mm
Housing material	aluminium, AL, silver
Material active area	Plastic, ABS, Black
Connection	male, M12 x 1
Vibration resistance	55 Hz (1 mm)
Shock resistance	30 g (11 ms)
Protection class	IP67
MTTF	51 years acc. to SN 29500 (Ed. 99) 40 °C
Power-on indication	LED green / yellow / red
Diagnostic display	differently adjustable
Packaged quantity	1