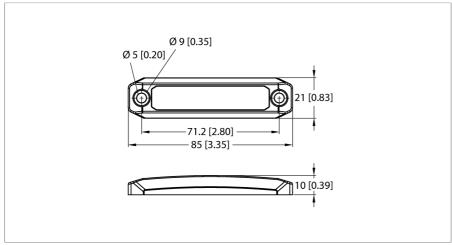


TW860-960-Q21L85-M-B110





Type designation	TW860-960-Q21L85-M-B110
Ident-No.	100003973
Туре	TW860-960-Q21L85-M-B110
Ident. no.	100003973

Data transfer Alternating electromagnetic field Technology UHF (860...960 MHz) Usage region (UHF) Global (860...960 MHz) ETSI (865...868 MHz) FCC (902...928 MHz) Reading range on metal 10 m (2W ERP) Memory type **EEPROM** Chip Impinj Monza 4E Memory 110 Byte Read/Write Memory

Freely usable memory 16 Byte
EPC memory 62 byte
Number of read operations unlimited
Number of write operations 10°
Typical read time 2 ms/byte
Typical write time 3 ms/byte
Radio communication and protocol standards EPCglobal Gen 2

Temperature of data carrier during read/write	-35+85 °C
access	

Temperature of data carrier outside detection -35...+85 °C range

Design	Hard tag, Hard tag	
Housing length	21 mm	
Housing width	85 mm	
Housing height	10 mm	
Active area material	Plastic, grey	
Protection class	IP68	

Packaging unit

Remark to product For direct mounting on metal

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

The read/write distances mentioned here only represent standard values measured under laboratory conditions and free from any influences caused by 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!