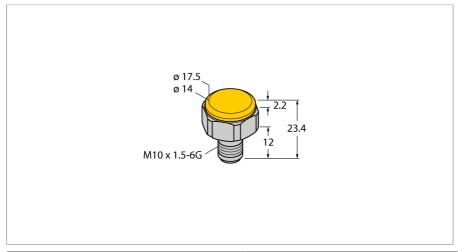


Your Global Automation Partner

TW-BV10X1.5-19-K2



Type designation	TW-BV10X1.5-19-K2
Ident-No.	6901382

Туре	TW-BV10X1.5-19-K2
Ident no	6901382

Data transfer	Inductive coupling
Operating frequency	13.56 MHz
Memory type	FRAM
Chip	Fujitsu MB89R118
Maina a m.:	2040 D.4-

Memory 2048 Byte
Memory Read/Write
Freely usable memory 2000 Byte
Number of read operations unlimited
Number of write operations 10°
Typical read time 0.5 ms/byte
Typical write time 0.5 ms/byte

Radio communication and protocol standards ISO 15693

Ambient temperature -25...+85 °C

Storage temperature -45...+85 °C

DesignHard tag with thread, BV10 × 1.5Diameter10 mm

Diameter 10 mm

Housing material Stainless steel, 1.4435 (316L)
Active area material Plastic, PA6.6, yellow

Tightening torque ≤ 2 Nr

Vibration resistance (EN 60068-2-6) 10 g; 10...2000 Hz; 3 axis; 2.5 hrs. Continuous shock resistance (EN 60068-2-29) 40 g; 18 ms; 6 axis; 2000x

Protection class IP67 / IP69K

Packaging unit

Remark to product Threaded data carrier, can be screwed onto

metal

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 and free from any influences caused by materials.

The read/write distances of data carriers suitable for mounting in/on metal were determined in/on 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!