

Bluetooth® dongle

Type VT-ZBT-1



- ▶ Component series 1X
- ▶ Suitable for valve types with bracket for Bluetooth® interface



Features

- ▶ Bluetooth® Low Energy
- ▶ UART valve interface
- ▶ Fast and easy assembly and disassembly
- ▶ State display on the LED display
- ▶ Connection with Android or iOS via the "easy2connect app" (available in the Google Play Store and Apple App Store)
- ▶ Country-specific certification

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Ordering code

01		02
VT-ZBT-1	-	1X

01	Bluetooth® dongle	VT-ZBT-1
02	Component series 10 ... 19 (10 ... 19: unchanged technical data and connections)	1X

Material no.: R901505294

Technical data

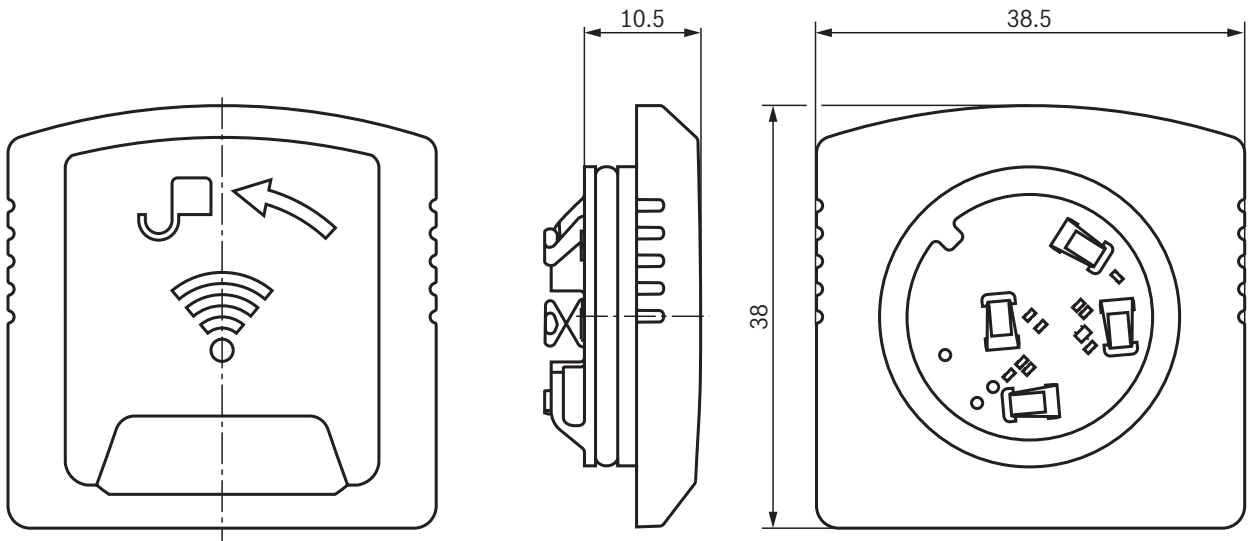
General		
Weight	g	10
Ambient temperature range	°C	−40 ... +85
Storage temperature range	°C	−20 ... +80
Electric		
Supply voltage	VDC	3.3
Frequency range	GHz	2.360 ... 2.500
Maximum current consumption	A	0.1 (power supply via valve electronics)
Transmission output	dBm	+4
Receiver sensitivity	dBm	−96
Data transmission		Bluetooth® Low Energy

State display

Device state	Diagnosis LED			
	0.5 s	0.5 s	0.5 s	0.5 s
De-energized	OFF	OFF	OFF	OFF
No error	green	green	green	green
No sync between dongle and valve (not connected)	green	red	green	red
Bluetooth® connection activated	blue	blue	blue	blue
Identification of the device via Bluetooth®	blue	–	blue	–

Dimensions

(dimensions in mm)



Certification

Title	Document number
EU declaration of conformity	DCTC-31000-175
China certificate	DCTC-31000-181
India certificate	DCTC-31000-182
South Korea certificate	DCTC-31000-183
US certificate	DCTC-31000-184

Safety instructions

IT security

The operation of installations, systems and machines basically requires the implementation of a holistic IT security concept which is state-of-the-art in terms of technology.

Accordingly, Bosch Rexroth products and their properties must be considered as components of installations, systems and machines for their holistic IT security concept.

Unless otherwise documented, Bosch Rexroth products are designed for operation in local, physically and logically secured networks with access restrictions for authorized persons, and they are not classified according to IEC 62443-4-2.

Further information

- ▶ Proportional pressure reducing valve
- ▶ Bluetooth® dongle

Data sheet 29283

Operating instructions 30581-B

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It must be remembered that our products are subject to a natural process of wear and aging.