Data Sheet | Item Number: 750-644

Bluetooth® RF Transceiver

https://www.wago.com/750-644

The 750-644 I/O Module enables wireless exchange of process data with up to seven other devices using Bluetooth® 2.0 radio technology. Interoperability with Bluetooth® devices is made non-proprietary via PAN and SPP Bluetooth® profiles. A special profile for time-critical applications is also available.

Reliable connections over distances of up to 1000 m are possible using the external WAGO 758-912 Antenna.

The module's extended diagnostic functions include cyclic and acyclic state information. For quick on-site diagnostics, main information on operational status and radio connection is also displayed via eight LEDs.

The I/O module can be operated with all standard fieldbus couplers/controllers within the WAGO I/O System 750. Module configuration is performed locally via WAGO-I/O-CHECK.

Technical data

Current consumption, typ.	8 mA (Bluetooth®); max. 35 mA
Data width	12, 24, 48 bytes configurable; incl. 1 byte control/status
Supply voltage	*Bluetooth*®: 24 VDC, via power jumper contacts

Material data

Color	light gray
Weight	91 g

Commercial data

Product Group	15 (I/O System)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454549008
Customs tariff number	85389099990
End of Sale	2018-06-01
End of Production	2018-06-06
End of Delivery	2018-06-16
End of Service and Repair	2020-05-31

Product Classification

UNSPSC	32101513
ECCN	NO US CLASSIFICATION

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Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 693-98-1 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 2-methylimidazole Diboron trioxide Lead Lead monoxide
RoHS Exemption	6(c) 7(a) 7(c)-I
SCIP notification number (Austria)	a329ee46-c2db-4d41-b7b5-aad63b335bc4
SCIP notification number (Belgium)	6fff7492-4622-40e1-82db-dad1f9323b44
SCIP notification number (Bulgaria)	63c488d2-935b-4b70-9dc2-3dc203ba3613
SCIP notification number (Czech Republic)	1ef14409-b4f6-4a68-8696-853e7a4924b8
SCIP notification number (Denmark)	b3a41c42-e138-40bd-8327-35ad144f7424
SCIP notification number (Finland)	184cf1ee-91b0-4269-9a6e-81812713f3ca
SCIP notification number (France)	078ae158-60d1-4fbb-b15f-053849989d6e
SCIP notification number (Germany)	81134f99-2d87-441f-be1c-7a210e96a1cd
SCIP notification number (Hungary)	3df40a16-3367-4424-bce9-9c5873104cd9
SCIP notification number (Italy)	0d45a73c-b779-4f03-9120-30438a672d2b
SCIP notification number (Netherlands)	65459e67-f47a-4f6b-b29c-e24daf5d186a
SCIP notification number (Poland)	c40b157f-cf5c-4ff4-9945-28f098b861cf
SCIP notification number (Romania)	fcc46892-f4e3-4812-8738-0d87f16a1992
SCIP notification number (Sweden)	43e6a253-f68a-43d6-873e-0dcd68701118

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

CAD/CAE-Data

CAD data

2D/3D Models 750-644

CAE data

EPLAN Data Portal
750-644

WSCAD Universe
750-644

ZUKEN Portal 750-644

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