IO-Link Wireless

BNI IOW-560-W01-K093
Order Code: BNI00KW



R012-260011

Basic features

Approval/Conformity	CE UKCA cULus WEEE FCC (Radio) IC (Radio) ANATEL KC

IO-Link Wireless

BNI IOW-560-W01-K093
Order Code: BNI00KW

Radio license	Canada (ISED) Europe (CE) United Kingdom (UKCA) USA (FCC) Brazil (ANATEL) South Korea (KC)
Scope of delivery	Without accessories
Style	Rectangular

Display/Operation

IO-Link communication indicator	LED green

Electrical connection

Connection (supply voltage IN)	M12-Male, 4-pin, A-coded-coded
Connection slots	M12-Female, 4-pin, A-coded-coded
Contact, surface protection	Copper Alloy Gold plated

Electrical data

Configurable inputs/outputs	no
Current consumption without load, max.	20 mA
Current sum UA, actuator	2 A
Current sum US, sensor	1 A
Emission	301 489-1 V2.2.3 301 489-17 V3.3.1
Operating voltage Ub	18...30.2 VDC
Output current max.	3 A
Rated operating voltage Ue DC	24 V

Environmental conditions

Ambient temperature	-5...50 °C
EN 60068-2-27, Shock	100 g, 6 ms 25 pulses per axis, X Y Z axis
EN 60068-2-6, Vibration	15 g, 10...500Hz, 20 cycles, X Y Z axis
IP rating	IP67/IP67
Storage temperature	-25...70 °C

Functional safety

MTTF (40 °C)	111 a

Interface

Cycle time min.	5 ms
IO-Link version	1.1.3
Interface	IO-Link wireless 1.1.3 IO-Link
Interface data	IO-Link Wireless 1.1.3 IO-Link 1.1
Process data IN	32 bytes
Process data OUT	32 bytes
Process data cycle min.	5 ms

Material

Housing material	PA 12, Semitransparent

Mechanical data

Dimension	53 x 22.5 x 70.9 mm
Mounting part	M4 screws and washers
Weight	34 g

Remarks

Use washers
because of tipping

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.