
ARISO Contactless Connectivity Platform

Disclaimer:

The document describes on a high level the technical specifications of the ARISO Contactless Connectivity platform. This specification may be updated or changed without notification and can only be used as guidelines while designing the specific end customer solutions.

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1. SPECIFICATIONS

1.1 Design and Construction

Product shall be of the design, construction and physical dimensions specified on the applicable product drawing.

1.2 Materials

Information about material is specified on customer drawings.

1.3 Ratings

A	Rated input voltage Tx	24V _{DC}
	Rated output voltage Rx	24V _{DC} (Factory setting)
B	Power Transfer capability	6W @ Rx side, 35 °C ambient temperature, maximum 3 mm distance between Tx and Rx
C	Operating ambient temperature	-20°C to 55°C
D	Ingress Protection	IP69K
E	Dimensions Tx	M12 x 132 mm (excluding cable)
	Dimensions Rx	M12 x 120 mm (excluding cable)
F	Digital GPIO version	8 channels
	Analogue PLC 0-10V Voltage version	4 channels

1.4 EMI/EMC Certifications respectively Tests

FCC	FCC Part 15 and 18 Conducted and Radiated Emission Tests acc. to ANSI C63.4-2003
CE	EMC Emission according to EN 61000-6-4: 2001 (incl. EN 55011:1998+A1:1999+A2:2002) EMC Immunity according to EN 61000-6-2: 2001
ICNIRP	Guidelines (1998) for limiting exposure to time-varying electric, magnetic and Electromagnetic fields (up to 300 GHz)
CISPR	Guidelines (2009) on limits of exposure to static magnetic fields CISPR-11 Class B & Group 1, CISPR-22

1.5 Safety Certifications

UL/cUL	UL 60950-1: 2003/CAS C22.2 No. 60950-1-03 UL 508
CE	EN 60950-1: 2006
CSA	