

RFID read/write device

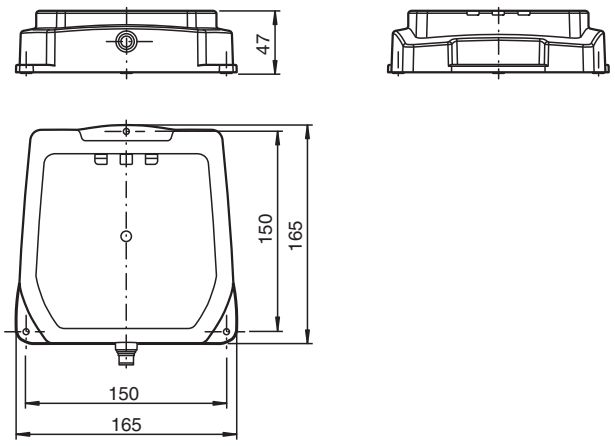
IUT-F191-IO-V1-FR2-07

- Typical range of 1 m
- Multi-tag reading capability for up to 20 tags
- Compliant with EPC Class 1 Gen 2 and ISO/IEC 18000-63
- LED function indicator
- Degree of protection IP67
- IO-Link interface

UHF RFID read/write device with IO-Link interface

IO-Link

Dimensions



Technical Data

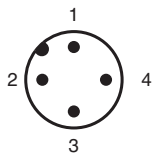
General specifications		
Operating frequency		915 MHz … 928 MHz: Brazil Transmission licenses for other countries on request
Emitted power		3 … 150 mW EIRP adjustable
Operating distance		typ. 1 m
Note		The achievable read and write distances depend on various factors. These include, in particular, the tag used, the configured transmit power, the installation conditions, and the ambient conditions, especially metallic materials in the surrounding area. The actual achievable read and write distances should therefore be verified under the respective operating conditions.
MTBF		127 a (Operation at +40 °C)
Indicators/operating means		
LED green/red		Solid green: power on green flashing with short interruption (1 Hz): IO-Link mode
LED yellow		Read/write operation successful
LED blue		Transmission mode
Electrical specifications		
Operating voltage	U_B	18 ... 30 V DC (IO-Link)
Current consumption		≤ 90 mA (at 24 V DC)
Interface		

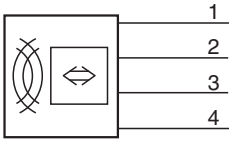
Release date: 2026-10-09 Date of issue: 2026-10-09 Filename: 70162681_eng.pdf

Technical Data

Interface type	IO-Link
IO-Link revision	1.1
Device profile	Identification and Diagnosis - I&D
Process data	Input 32 Byte Output 32 Byte
Vendor ID	1 (0x0001)
Device ID	4194823 (0x400207)
Transfer rate	COM3 (230.4 kbits/s)
Min. cycle time	4 ms
SIO mode support	no
Compatible master port type	Class A Class B
Standard conformity	
Degree of protection	EN 60529
Communication interface	IEC 61131-9 / IO-Link V1.1.5
RFID	ISO/IEC 18000-63
Approvals and certificates	
ANATEL approval	05574-24-06150
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F) (Operation with nontransmission periods) -25 ... 60 °C (-13 ... 140 °F) (Continuous transmission mode)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications	
Degree of protection	IP67
Connection	connector M12 x 1
Material	
Housing	PA 6.6
Base	Aluminum
Mass	700 g
Dimensions	
Height	47 mm
Width	165 mm
Length	165 mm

Connection Assignment





L+
n.c.
L-
C/Q

Release date: 2026-10-09 Date of issue: 2026-10-09 Filename: 70162681_eng.pdf