

Datasheet

→ RRJ_RFID_USB

03/26/2026



Technical data

RFID reader/writer with USB connection

Type RRJ_RFID_USB

Series RFID Standard

Rubric RFID



→ General data

Baud rate 9.600 Bit/s ... 115.200 Bit/s

Design Round

Operating time 200,000 h average

Operating temperature -20 °C ... 70 °C

Panel cut-out Ø 22.3 mm

Mounting depth 44 mm

Front bezel colour Silver-coloured

Humidity Up to 95%, non-condensing

Weight 36.2 g

Storage temperature -40 °C ... 85 °C

Degree of protection front IP65
IP69K

Supported standards / transponders

Standard	Transponder
ISO 14443 A	Read/write: MIFARE® Classic Mini / 1K /4K MIFARE Ultralight® MIFARE Ultralight® C MIFARE Ultralight® Nano MIFARE® DESFire®EV1 MIFARE® DESFire® Light MIFARE® Smart MX MIFARE® Plus S / X MIFARE® Pro X NTAG 21x NTAG 424 Read only (UID): All other transponders
ISO 14443 B	SRI4K SRIX4K AT88RF020 66CL160S SR176
ISO 15693	EM4135 EM4043 EM4x33 EM4x35 I-Code SLI / SLIX / DNA M24LR16/64 TI Tag-it HF-I SRF55Vxx (my-d vicinity)

Status display

LED-Color	Function
Green	Ready for operation
Blue	Transponder detected

→ Electrical data

Total power consumption < 150 mA
< 230 mA with LED ring
< 1 mA Standby

Protection class III (safety extra-low voltage)

Signal frequency 13.56 MHz

Supply voltage

5 V DC from external power supply or USB

→ Mechanical data

Connection

USB-A connector 4-pole 2.1

Tightening torque fixing nut

1.5 Nm alternativ mit S22-Montageschlüssel

Mounting position

Any

Cable length

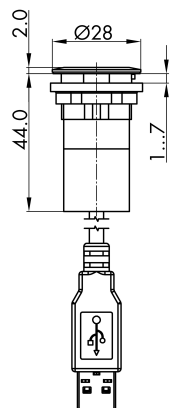
80 cm

Minimum bending radius

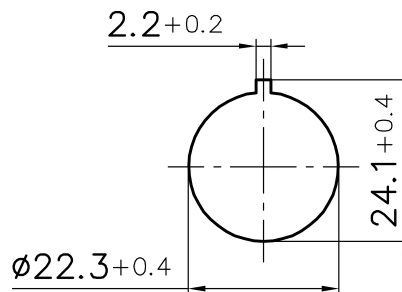
- If the cable is laid permanently flexible, the minimum bending radius is: $10 \times d$ (d =cable diameter) = 50 mm
- This means the recommended minimum installation depth is 94 mm

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



Awards

