

Datasheet

→ RRJSW_RFID_HID

03/26/2026



Technical data

RFID reader with HID keypad interface

Type RRJSW_RFID_HID

Series RFID Standard

Rubric RFID



→ General data

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 Black

Humidity Up to 95%, non-condensing

Weight 38 g

Storage temperature -40 °C ... 85 °C

Degree of protection front IP65
IP69K

Standard HID

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

| | |
|--------------------------------|--|
| <i>Total power consumption</i> | < 100 mA < 180 mA with LED ring < 1 mA Standby |
| <i>Protection class</i> | III (safety extra-low voltage) |
| <i>Signal frequency</i> | 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

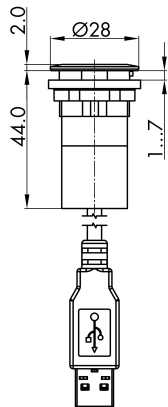
80 cm

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

