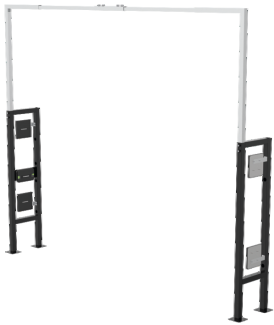
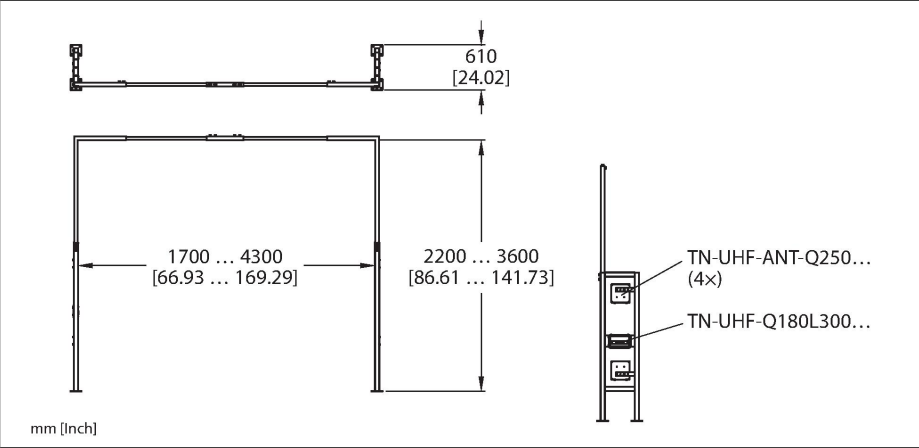


UHF-SYS-GATE-PASS-ETSI

UHF RFID Gate Solution



Technical data

Type	UHF-SYS-GATE-PASS-ETSI
ID	100051343
Approvals	CE
Electrical data	
Operating voltage U_b	12...30 VDC
DC rated operating current I_o	≤ 1200 mA
PoE standard	IEEE 802.3at (PoE+)
Data transfer	Alternating electromagnetic field
Technology	UHF RFID
Region (UHF)	Europe, India, Turkey, South Africa (865...868 MHz)
Radio communication and protocol standards	ISO 18000-63 EPCglobal Gen 2
Channel spacing	200 kHz
Mechanical data	
Ambient temperature	-30...+50 °C
Dimensions	610 x 1700 x 2200 mm Width: 1700...4300 mm, height: 2200...3600 mm
Housing material	Aluminium Anodized aluminium, AL Anodized AL, Black-finished
Protection class	IP67
System description	
Network protocol	TCP/IP REST API
Programming interface	Ethernet
System data	
Web server	Default: 192.168.1.254:8080

Features

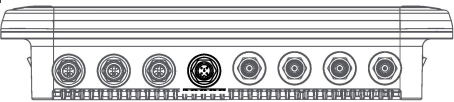
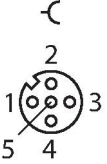
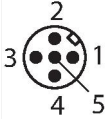
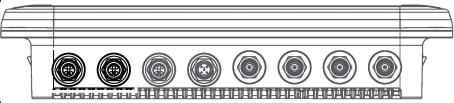
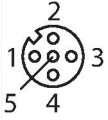
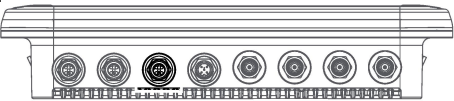
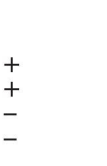
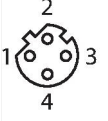
- UHF RFID GATE for the (bulk) detection of objects, e.g. during loading
- Pre-installed TVSnode software for commissioning and communication via integrated REST API interface
- Variable frame size
- Width: 1700...4300 mm
- Height: 2200...3600 mm
- Device only suitable for operation in the European Union (EU), India, Türkiye and South Africa at 865...868 MHz

Functional principle

The UHF readers form a transmission zone, the size of which may vary depending on the combination of reader and tag used. The achievable distances may be different due to component tolerances, mounting location in the application, ambient conditions and the effect of materials (particularly metal). Testing of the application under real operating conditions is therefore essential, especially with on-the-fly reading and writing!

Technical data

General Information	
Packaging unit	1

	Note Supply cable: UX18415 RKC 4.4T-0.5-RSM 40/S3520 UX18416 RKC 4.4T-2-RSM 40/S3520 UX14184 RKC 4.4T-3-RSM 40/S3520 UX14185 RKC 4.4T-5-RSM 40/S3520	M12 × 1 power supply  1 = V1 2 = TX/RX - 3 = GND 4 = TX/RX + 5 = PE 24 VDC / COM
	Note Actuator and sensor cable/PUR extension cable (example): RKC4.4T-2-RSC4.4T/TXL ID 6625608 Y-splitter for DXPs VBS2-FSM4.4-2FKM4 ID 6930560	M12 × 1 I/O slot  1 = Vaux 2 = DXP1 / DXP3 3 = GND 4 = DXP0 / DXP2 5 = FE DXP0...DXP3
	Note Ethernet cable (example): RSSD-RJ45S-4416-5M ID 6441633	M12 × 1 Ethernet  1 = TX + 2 = RX + 3 = TX - 4 = RX - flange = FE ETH/PoE