FEIG

ID SPAD.U

SHIELDED UHF PAD READER

- UHF Desktop Reader with integrated antennas
- A4 sized, defined reading area
- Flat and modern design
- Read rate of 99.5 % in distances from 0 – 25 cm
- Innovative filtering of unwanted stray reads
- Configurable transmitting power
- LED display elements



UHF Desktop Reader for several markets

ID SPAD.U is a particularly flat UHF desktop reader with integrated antenna for contactless data exchange with UHF transponders. The new device impresses with maximum reliability and modern design.

Thanks to the excellent reading performance and the innovative filtering of unwanted stray reads outside the device, the shielded UHF pad reader can be used in numerous markets. Above all, this includes laundries, libraries and retail.

Typical applications are laundry logistics, recording of loaned items during the issue and return in libraries, file and document tracking as well as the support of KANBAN systems and logistical processes.

Perfect Performance at every location

Thanks to integrated shielding and innovative filters, transponders are automatically suppressed outside of a small minimum distance from the device.

Various proposed configurations for customer-specific applications make it easier to optimize parameters and filters. Installation on metallic or conductive surfaces does not affect the reader in any way. This means that it can also be used on otherwise unsuitable substrates.

Up to a distance of 25 cm, optimal reading rates are achieved within the large reading window. In small steps adjustable transmission power and the filter parameters enable optimal adaptation to different applications and transponders.

RFIDCanada
Automating Identification

MODERN DESIGN MEETS EXCELLENT RFID PERFORMANCE

High performance UHF Pad Reader with optimal shielding allows flexible integration into several processes.

Technical data

Dimensions (w x h x d)	376 mm x 276 mm x 26.8 mm
Housing	
Upper part	Plastic ABS
Cover plate	Acrylic glass (PMMA XT)
Lower part	Galvanized metal sheet
Weight	approx. 2.0 kg
Protection class	IP30
Color	
Housing	similar RAL 9003 (white)
Cover plate	transparent, sapphire blue back printed
Power supply	12 bis 24 V DC ±15 %
Power consumption	max. 7 VA
Operating frequency	865 MHz bis 868 MHz
Transmitting power	50 mW to 500 mW, configurable in up to 8 steps
Interface	USB
Reader modes	ISO Host Mode, Buffered Read Mode, Scan Mode
Supported transponders	EPC Class1 Gen2, ISO 18000-6-C (optional)
Indicators	LED green, red, orange (mixed color)
	Buzzer
Temperature range	
Operation	–25 °C up to +55 °C
Storage	–25 °C up to +70 °C
Relative humidity	5 % up to 95 % (non condensing)
Radio approval	
Europe	EN 302 208
EMC	EN 301 489
Safety	
Low Voltage	EN 62368-1
Human Exposure	EN 50364

ID SPAD.U



Order description

ID SPAD.U-USB-EU	5564.000.00	UHF Shielded Pad Reader
ID NET.12V-B	1688.002.00	Power supply 95 – 265 V AC, Output 12 V DC; 700 mA
ID CAB.USB-A	1686.000.00	USB cable 2.5 m

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Automating Identification
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