OBID®

classic

**Read- / Write
Proximity Reader
ID RW02 / RWA02**

Read- / Write Proximity Reader with a maximum reading range of up to 15 cm for applications like access control, time attendance, charging systems etc.

Features:

● Multi-tag reader (HITAG S, HITAG 1, HITAG 2, several transponders by SOKYMAT, EM etc.)

● Suitable for indoor- and outdoor use (IP54)

● Available in three different versions: reader module, housing- or desk top reader

● Standard flus box (UP) or surface(AP*) installation

● Serial interfaces (RS232, RS485, data/clock)

● Software Update without necessity to dismantle the reader

OBID®-- RFID by FEIG ELECTRONIC

FEIG ELECTRONIC

* surface installation frame optional available

Short description and technical information

Short description

The Read- / Write Proximity Readers ID RW02 and ID RWA02 offer highest possible flexibility, using RFID technology within the fields of application access control, time attendance, charging and control systems etc.

All readers are multi-tag readers, being able to identify transponders by several manufacturers (HITAG S, HITAG 1 and HITAG 2 by Philips Semiconductors, Unique and Q5 by SOKYMAT, 555x by Temic as well as several EM transponders). Once installed, the readers don´t have to be dismantled for installing a new firmware version -- this procedure will be managed by the host.

The reader module ID RWA02.ABC-AL is suitable especially for integration into control units and terminals.

The housing variants ID RW02.ABC-A/-B and ID RWA02.ABC-A/-B will be installed in standard flush flush boxes or directly on the wall. The desk top readers ID RW02.ABC-AT and ID RWA02.ABC-AT are intended for direct connection to a PC via a 2.5 meters long interface cable to be used at cash desks or sales counters.

OBID Multijob Readers (ID RWA) enable fast online communication due to their ability to process several data commands without the necessity to wait for the execution of these commands. Furthermore the RWA Readers are able to execute complex exercises even in offline operation. The automatical online/offline switch holds up the most important functions of the system even if the host fails.

Technical data

	ID RW02.ABC-A/-B (Housing reader)	ID RWA02.ABC-A/-B (Housing reader)	ID RW02.ABC-AT ID RWA02.ABC-AT (Desk top reader)	ID RWA02.ABC-AL/-BL (reader module)
Housing	Plastic ASA for 60 mm standard flush box	Plastic ASA for 60 mm standard flush box	Plastic ASA	--
Dimensions (WxHxD)	113x83x24,5 mm (UP) 114,5x83,5x48 mm (AP)	113x83x24,5 mm (UP) 114,5x83,5x48 mm (AP)	114,5x83,5x48 mm	74x74x15 mm
Weight	approx. 120 g	approx. 120 g	approx. 350 g	approx. 36 g
Degree of protection	IP 54	IP 54	IP 22	--
Power supply	12-24 V AC / DC	12-24 V AC / DC	12-24 V DC	12-24 V AC / DC
Antenna	internal	internal	internal	internal
Operating frequency	125 kHz	125 kHz	125 kHz	125 kHz
Power consumption	max. 2,5 W	max. 2,5 W	max. 2,5 W	max. 2,5 W
Reading / Writing range	max. 15 cm	max. 15 cm	max. 15 cm	max. 15 cm
Supported transponders	HITAG S, HITAG 1 and HITAG 2 by Philips Semiconductors, 555x by Temic, Unique and Q5 by SOKYMAT, EM 4001, EM 4002, EM 4022, EM 4102 etc.			
Indicators	1 Bicolour LED 1 buzzer	1 Bicolour LED 1 buzzer	1 Bicolour LED 1 buzzer	1 Bicolour LED 1 buzzer
Interfaces	-A / -B	-A / -B	-AT	-AL / -BL
- RS232*	● / --	● / --	●	● / --
- RS485*	-- / ●	-- / ●	--	-- / ●
- Data/Clock**	● / ●	-- / --	--	-- / --
Digital inputs	2	2	--	2
Digital outputs	1 (normally open contact)	1 (normally open contact)	--	1 (normally open contact)
Use with ID SE02/2	●	--	--	--

* Baud rate 4.800-38.400

** Magnetic card emulation
Wiegand emulation

ID SE02/2

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