FEIG

ID ANT240/180

PAD ANTENNA

– Up to 42 cm read range

– Flat and compact design for use in enclosed spaces

– Optical feedback via LED

– Also available as shielded antennas or with integrated reader

Pad Antenna

The ID ANT240/180-A is designed as very a flat and compact antenna for contactless data exchange with common RF RFID transponders and impresses with its excellent performance and elegant design.

Due to the smaller format and low height, the antenna fits on any working space without causing any inconvenience These features enable desktop applications in offices, libraries, file and document tracking, etc. Despite the compact construction the read range of individual transponders can be up to 42 cm.

The antenna ID ANT240/180-A can be connected directly to a reader with an included coaxial cable. For indication of different states like "RUN" or "Tag detect" the blue LED could be powered with a DC voltage on the antenna output of the reader (e. g. ID MR102, ID LR1002).

Also available as shielded antenna ID ANTS240/180 and as antenna with integraded reader module ID PAD74-U.

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Technical data

Dimensions (w x h x d)	240 mm x 180 mm x 13 mm (9.45 inch x 7.09 inch x 0.51 inch)
Weight	approx. 0.36 kg (0.8 lbs)
Housing	
Pad	Insensitive surface
Upper part	Plastic ABS
Lower part	Plastic plate
Colour	
Pad	black
Upper part	similar RAL 9003 (white)
Protection class	IP30
Operating frequency	13.56 MHz
Max. transmitting power	1.5 W
Antenna connection	RG174 coaxial cable with SMA connector (50 Ω); approx. 2.2 m long
Indicator, optical	1 LED (blue; switchable via DC voltage at the antenna output of the reader)
Temperature range	
Operation	−25 °C up to +55 °C (−13 °F up to 131 °F)
Storage	−25 °C up to +70 °C (−13 °F up to 158 °F)
Relative air humidity	5 % up to 95 % (non-condensing)

ID ANT240/180-A

Standard conformity

EMC	EN 301 489
Safety & Health	EN 62368-1, EN 50364

Order description

ID ANT240/180-A	6612.000.00	Pad antenna with coaxial cable