

Technical data

Antenna

Primary loops



Short description

The antennas WAT100 transmit and receive the signals between an input module and the wireless proximity switches. Two antennas with varying polarisation are connected to each input module.

Type	WAT100-R, WAT100-L
Frequency range	2.4 ... 2.5 GHz
Polarisation	Right- resp. leftcircular polarized (-R, -L)
Impedancy	50 Ω
Dimensions (h x w x d)	101 mm x 95 mm x 32 mm
Antenna cable	Prepacked coaxial cable (length: 3 m and 5 m)
Accessories	Antenna mounting kit



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Short description

The primary loops WPC100 emit an electromagnetic field of 120kHz with the help of the connected power supply for wireless position sensors. The installation in pairs generates a two-dimensional, rotating electromagnetic field.

Type	WPC100-N
Rated voltages	1000 V AC, suitable for installation in acc. with VDE100-520
Total diameter	9.4 ± 0.5 mm
Total cross section	6.6 mm ²
Properties	Halogene-free, bio-diesel resistant, UV-resistant
Conductor insulation	Silicone (Si/Y); wall thickness 1.3 mm; colour: red
Exterior insulation	TPE/U (thermoplastic polyurethan); wall thickness 1.3 mm; colour: light grey
Availabe types	prepacked cable (cable shoes on both ends) for the connection to the power supply for wireless position sensors Lengths between 10 m and 28 m, graduation 1 m

