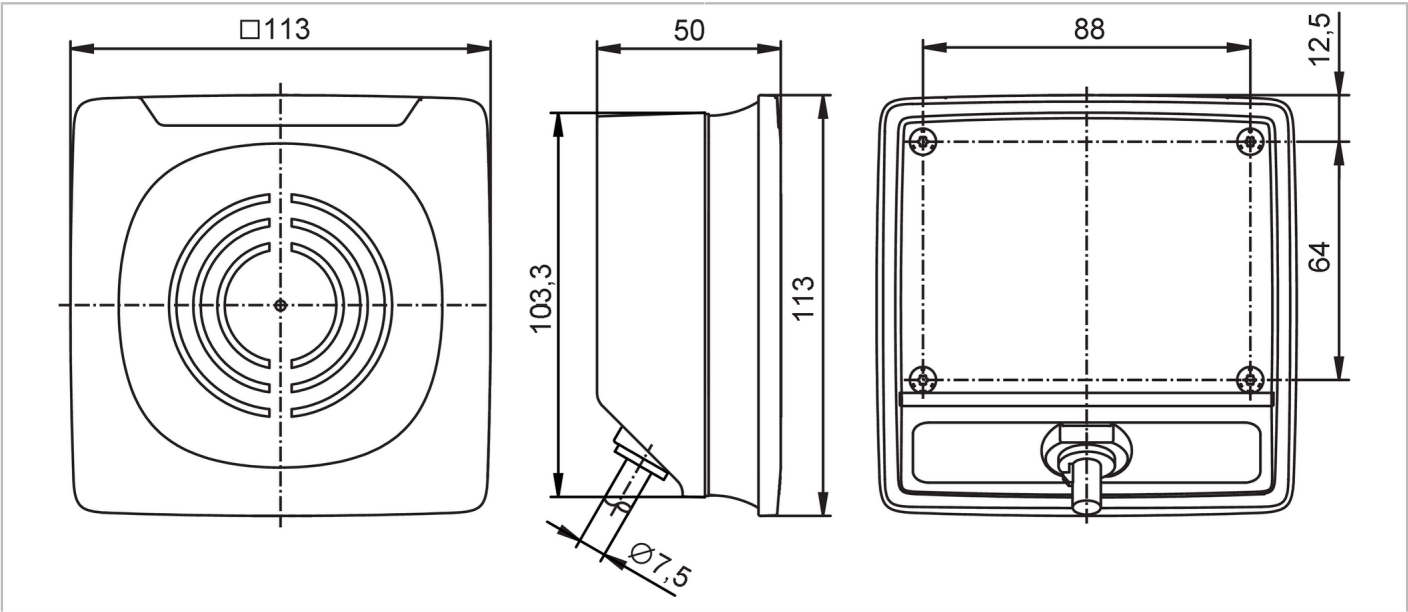


ANT975



RFID UHF antenna

DTRUHFA_HLRWKOTN04



Application

Application	supports antenna detection
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Electrical data

Operating frequency	[MHz]	902...928 (FCC)
Antenna connections		1; (FAKRA connector)
Max. permissible input power	[dBm]	30; (FCC 15.247)
Polarisation		RHCP
Transmission power EIRP	[mW]	29.5; (FCC 15.247)
Antenna gain	[dBic]	2.5
Axial ratio	[dB]	1
Impedance	[Ω]	50

Detection zone

Angle of aperture	[°]	120
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Operating conditions

Ambient temperature	[°C]	-40...70
Storage temperature	[°C]	-40...85
Protection		IP 40

Tests / approvals

MTTF	[years]	6815
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Mechanical data

Weight	[g]	409.537
Housing		rectangular
Dimensions	[mm]	113 x 113 x 50
Materials		housing: aluminium; FAKRA connector: brass / PTFE; Protective cover: plastics

Remarks

Pack quantity		1 pcs.
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