UHF (860...960 MHz)
BIS U-156-M0/CAA
Order Code: BIS0169

BALLUFF

1) Sensing surface, 2) Clear zone, 3) see corresponding R/W head

CE EAC (WEEE symbol)

Basic features

Antenna type	Dipole
Approval/Conformity	CE
	WEEE
	EAC
Principle of operation	Data carrier
Standards	EPCglobal™ Class 1, Gen 2
	ISO 18000-6C

Electrical data

Data retention time/years	≥ 50
Polarization	linear
Preferred application	860…960 MHz
Programming cycles	up to 55 °C: 100,000
Read cycles	Unlimited
Working frequency	860…960 MHz

Environmental conditions

Ambient temperature	-40 °C...85 °C
Storage temperature	-40...85 °C

Functional Characteristics

EPC memory, read/write	128 Bit
Memory type	EEPROM
TID memory, read-only	96 Bit
User data, read/write	32 Bit

Material

Housing material	Paper

Mechanical data

Application weight	0.50 g
Dimension	53 × 53 mm
Installation	metal-free (clear zone)

Remarks

Self-adhesive label Provided on roll Storage and processing instructions: refer to Document No. 888603

For installation in metal: Observe clear zone.

Values are under rated conditions unless otherwise specified.

Defective labels are marked with a rectangular or dot-shaped black mark. The marking is applied to the label, not to the liner!