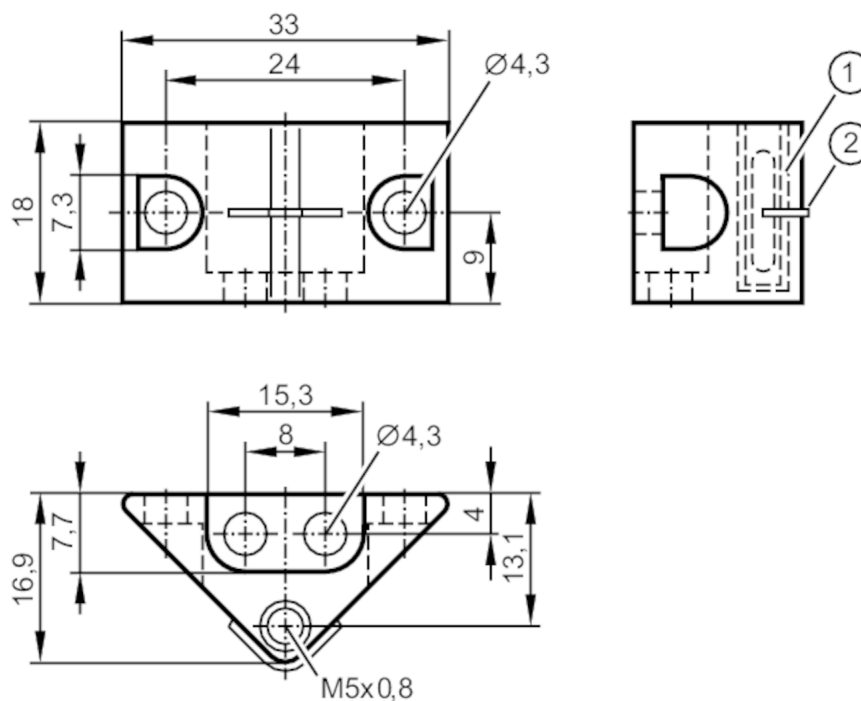




RFID tag

ID-TAG/TRIANGLE HOUSING/01



- 1 ID tag
2 tag position mark middle of the antenna



Application

Application	Coding of workpiece carriers in routing conveyors
Operating temperature (active) [°C]	-40...85
Peak temperature (passive) [°C]	120; (duration of test: 1 x 100 h)

Electrical data

Operating frequency [MHz]	0,125
Memory size [bit]	224
Max. read cycles	unlimited
Max. write cycles	100000

Operating conditions

Ambient temperature [°C]	-40...85
Storage temperature [°C]	-40...90
Protection	IP 67

Tests / approvals

Shock resistance	DIN IEC 68-2-29	30 g 18 ms
Vibration resistance	DIN IEC 68-2-6	6 g 14...200 Hz
MTTF [years]	2854	

Mechanical data

Weight [g]	10.1
Housing	Tag fixture for workpiece carriers
Dimensions [mm]	18 x 33 x 16.9

E80302



RFID tag

ID-TAG/TRIANGLE HOUSING/01

Material	PBT orange; PA black
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Accessories

Items supplied	ID tag:, E80301
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Remarks

Remarks	Peak temperature 1 x 100 h
	Storage temperature 1 x 1000 h
	shock 3 Achsen je 1084 Schocks
	vibration 3 Achsen je 8 h
Pack quantity	1 pcs.

Other data

read/write distance (mm)

	Positioning of the ID tags	Reading	Writing	
DTA100	front side	20	10	
DTA101	front side	20	—	

All indications apply to static read/write operations.

Indications without comment refer to the installation of ID tags in non-metallic environments.