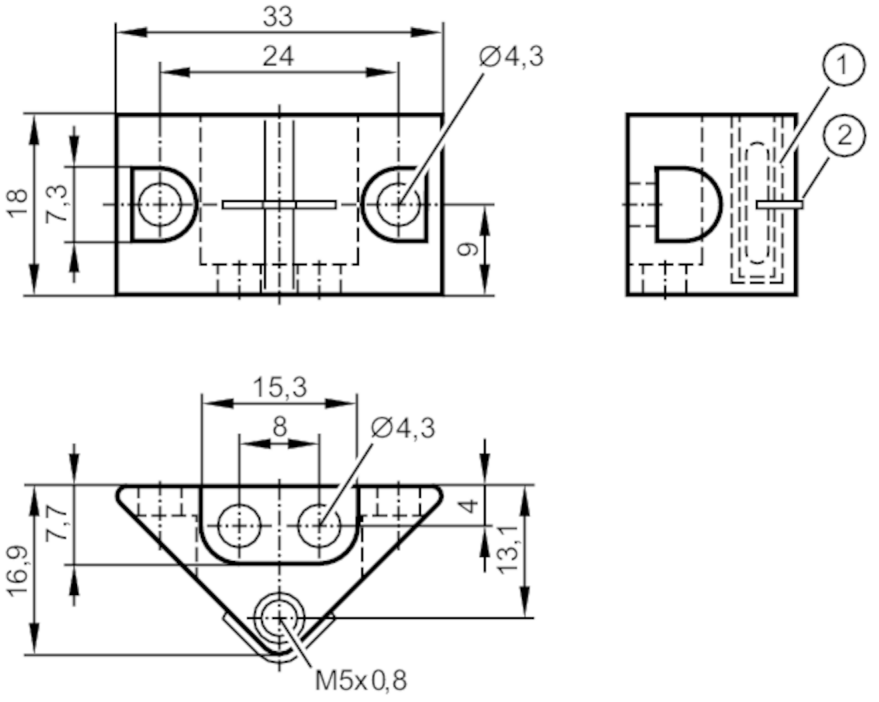
E80302

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

Materials	PBT orange; PA black
Accessories	
Items supplied	ID tag:, E80301
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 tag	read	write	
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.