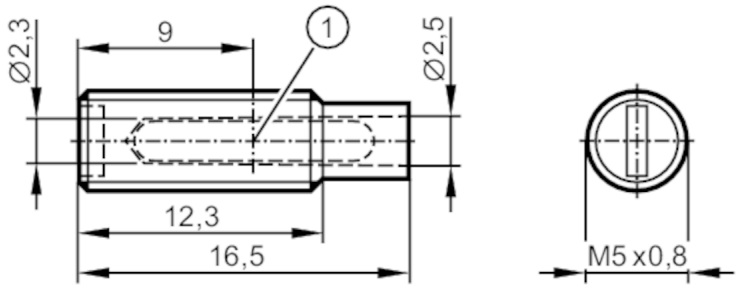
E80301

RFID tag

ID-TAG/M5x16,5/01



1 middle of the tag

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]	1.65	
Housing		threaded type	
Type of mounting		screw mounting	
Dimensions	[mm]	M5 x 0.8 / L = 16.5	
Thread designation		M5 x 0.8	
Materials		PA black	
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.	

E80301

RFID tag

ID-TAG/M5x16,5/01

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.