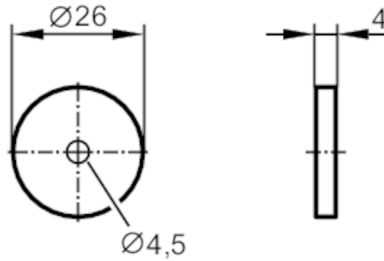




RFID tag

ID-TAG/D26X4/01



Application

Application	Coding of workpiece carriers in routing conveyors	
Operating temperature (active) [°C]	-25...85	
Peak temperature (passive) [°C]	200; (duration of test: 160 °C: 500 x 20 min, 200 °C: 10 x 20 min)	

Electrical data

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

Operating conditions

Ambient temperature [°C]	-25...85
Storage temperature [°C]	-25...140
Protection	IP 68

Tests / approvals

Shock resistance	DIN IEC 68-2-29	40 g 18 ms
Vibration resistance	DIN IEC 68-2-6	10 g 10...2000 Hz
MTTF [years]	2854	

Mechanical data

Weight [g]	4.9
Dimensions [mm]	Ø 26 / L = 4
Material	PA High Temperature

Remarks

Remarks	shock 6 Achsen je 2000 Schocks
	vibration 3 Achsen je 2,5 h
	Storage temperature 1 x 100 h (160°C), 1 x 2 h (180°C), 10 x 30 min (20°C), 10 x 10 min (200°C)
	Peak temperature
	500 Zyklen 5 min (160 °C), 20 s (ΔT), 5 min (20 °C), 20 s (ΔT)
	10 Zyklen 10 min (200 °C), 20 s (ΔT), 1 h (20 °C), 20 s (ΔT)
Pack quantity	1 pcs.

E80322



RFID tag

ID-TAG/D26X4/01

Other data

read/write distance (mm)

	Positioning of the ID tags	Reading	Writing	
DTA100	overhead	15...40	15...40	
DTA101	overhead	15...40	—	
DTA200	front side	55	55	
DTA201	front side	55	—	
DTA300	front side	80	80	
DTA301	front side	80	—	

All indications apply to static read/write operations.

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