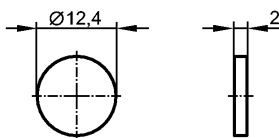




ID-TAG/D12X2/01

Accessories



Product characteristics

ID tag

Ø 12 x 2 mm

Application

Application

Coding of workpiece carriers in routing conveyors

Electrical data

operating frequency [kHz]

125

Environment

Ambient temperature [°C]

-25...85

Storage temperature [°C]

-40...130

Peak temperature [°C]

160

Protection

IP 67

Tests / approvals

Shock resistance

DIN IEC 68-2-27:

40 g (18 ms)

Vibration resistance

DIN IEC 68-2-6:

10 g (10...2000 Hz)

Safety classification

MTTF

[a]

2854

Mechanical data

Housing materials

PPS black

Remarks

Remarks

test duration peak temperature: 1 x 35 h, storage temperature: 1 x 1000 h
test condition shocks: 6 axes 2000 shocks each, vibration: 3 axes 2.5 h each

Pack quantity

[piece]

1

Other data

Read/write cycles

for an unlimited period / 100000

Memory [Bit]

224 (7 pages with 32 bits each)

Read/write distance [mm]

	Positioning of the ID tags	Reading	Writing
DTA100	overhead	5...20	5...20
DTA101			—
DTA200	front side	25	25
DTA201			—
DTA300	front side	40	40
DTA301			—

All indications apply to static read/write operations.

If not otherwise stated they refer to ID tag installation in a non-metallic environment.