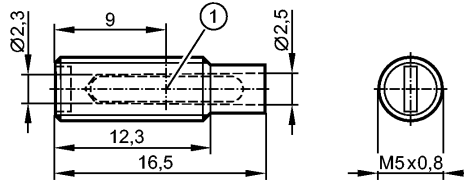




ID-TAG/M5x16.5/01

Accessories



1: middle of the tag

Product characteristics

ID tag

Threaded type M5 x 16.5 mm

Screw mounting

Application

Application

Coding of workpiece carriers in routing conveyors

Electrical data

operating frequency [kHz]

125

Environment

Ambient temperature [°C]

-40...85

Storage temperature [°C]

-40...90

Peak temperature [°C]

120

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)

Safety classification

MTTF

[a]

2854

Mechanical data

Housing materials

PA (polyamide) black (RAL 9005)

Remarks

Remarks

test duration peak temperature: 1 x 100 h, storage temperature: 1 x 1000 h
test condition shocks: 3 axes 1084 shocks each, vibration: 3 axes 8 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)

Data retention [years at ^ 55°C]

20

Read/write distance [mm]

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

All indications apply to static read/write operations.

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