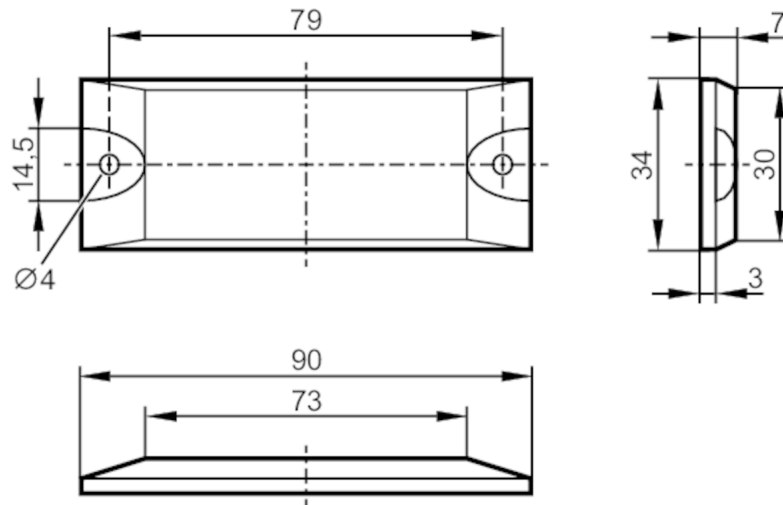


# E80343



## RFID tag

ID-TAG/90X34x7/06



### Application

|                                |      |          |
|--------------------------------|------|----------|
| Operating temperature (active) | [°C] | -25...85 |
| Peak temperature (passive)     | [°C] | 85       |

### Electrical data

|                                    |        |            |
|------------------------------------|--------|------------|
| Operating frequency                | [MHz]  | 13,56      |
| Memory size                        | [bit]  | 896        |
| Memory type                        |        | EEPROM     |
| Chip type                          |        | ICODE SLIX |
| Number of the blocks               |        | 28         |
| Block size                         | [Byte] | 4          |
| Unique Identification Number (UID) | [Byte] | 8          |
| RFID standard                      |        | ISO 15693  |
| Max. read cycles                   |        | unlimited  |
| Max. write cycles                  |        | 100000     |

### Operating conditions

|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -25...85 |
| Storage temperature | [°C] | -40...85 |
| Protection          |      | IP 68    |

### 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 |
| Radio approval       |                 | ISO 15693         |

### Mechanical data

|                  |      |                                                                                                                                                         |
|------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weight           | [g]  | 117                                                                                                                                                     |
| Type of mounting |      | Installation on metal and non-metal materials; (screw fastening ; sticking to a surface ; In case of installation on metal, mount flat side on surface) |
| Dimensions       | [mm] | 90 x 34 x 7                                                                                                                                             |

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## RFID tag

ID-TAG/90X34x7/06

|          |     |
|----------|-----|
| Material | ABS |
|----------|-----|

### Remarks

|               |        |
|---------------|--------|
| Pack quantity | 5 pcs. |
|---------------|--------|

### Other data

#### Reading distance when mounted on non-metal (mm)

|                                            |    |
|--------------------------------------------|----|
| ANT410 / DTI410                            | -  |
| ANT411 / DTI411                            | 5  |
| ANT420 / DTI420 / DTM424 / DTI424 / DTM426 | -  |
| ANT421 / DTI421 / DTM425 / DTI425 / DTM427 | 20 |
| ANT430 / DTI430 / DTM434 / DTI434 / DTM436 | 15 |
| ANT431 / DTI431 / DTM435 / DTI435 / DTM437 | 25 |
| ANT513 / DTI513 / DTC510                   | 50 |
| ANT515 / DTI515 / ANT516 / DTI516          | 20 |
| ANT600 / DTI600                            | 95 |

#### read distance when mounted on metal (mm)

|                                            |    |
|--------------------------------------------|----|
| ANT410 / DTI410                            | 10 |
| ANT411 / DTI411                            | 15 |
| ANT420 / DTI420 / DTM424 / DTI424 / DTM426 | 5  |
| ANT421 / DTI421 / DTM425 / DTI425 / DTM427 | 30 |
| ANT430 / DTI430 / DTM434 / DTI434 / DTM436 | 25 |
| ANT431 / DTI431 / DTM435 / DTI435 / DTM437 | 40 |
| ANT513 / DTI513 / DTC510                   | 55 |
| ANT515 / DTI515 / ANT516 / DTI516          | 25 |
| ANT600 / DTI600                            | 80 |