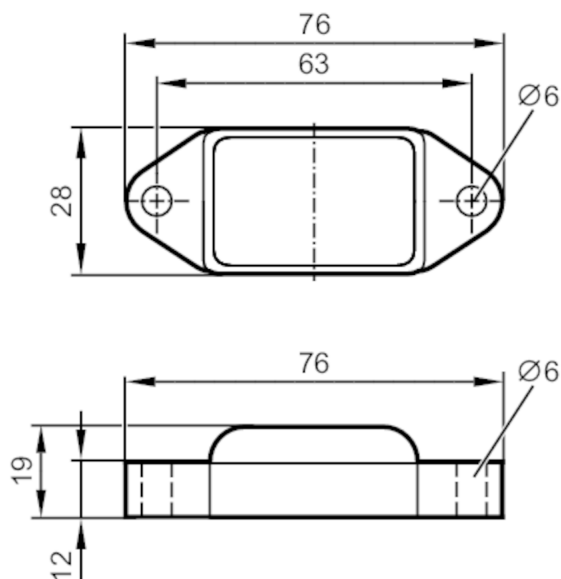




## RFID tag

ID-TAG/RECT - 1280 BIT EEPROM



## Electrical data

|                                    |        |              |
|------------------------------------|--------|--------------|
| Operating frequency                | [MHz]  | 13,56        |
| Memory size                        | [bit]  | 1280         |
| Memory type                        |        | EEPROM       |
| Chip type                          |        | ICODE SLIX-S |
| Number of the blocks               |        | 40           |
| 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] | -50...80  |
| Storage temperature | [°C] | -50...250 |
| Protection          |      | IP 68     |

## Mechanical data

|            |      |                                       |
|------------|------|---------------------------------------|
| Weight     | [g]  | 39.916                                |
| Dimensions | [mm] | 76 x 19 x 28                          |
| Material   |      | High Temperature; PA 6.6; epoxy resin |

# UR0006



## RFID tag

ID-TAG/RECT - 1280 BIT EEPROM

### Other data

#### read distance (mm)

| Antenna                  | read/write distance (mm) | read/write distance when mounted on metal (mm) |
|--------------------------|--------------------------|------------------------------------------------|
| ANT410                   | 10                       | 10                                             |
| ANT411                   | 22                       | 22                                             |
| ANT420                   | 10                       | 10                                             |
| ANT421                   | 30                       | 30                                             |
| ANT421 + E80390          | 58                       | 32                                             |
| ANT430                   | 23                       | 23                                             |
| ANT431                   | 35                       | 35                                             |
| ANT513                   | 58                       | 50                                             |
| ANT515 / ANT516          | 30                       | 25                                             |
| ANT515 / ANT516 + E80391 | 43                       | 30                                             |
| ANT600                   | 105                      | 85                                             |