

13.56 MHz transponder, as plastic cable binder

This transponder package is available with different chip types based on ISO 15693. They are integral part of *microsensys* iID-2000 system solution. This special plastic cable binder transponder devices are very useful for product identification in industry and administration.

It can use in harsh environments. Please ask for special plastics.

microsensys offers an attractive component platform for closed coupling RFID solutions.

picture: type DU 10.11.775



Technology:

RFID system iID[®] 2000
closed coupling, 13.56 MHz, based on ISO 15693

Memory:

laser programmed ROM
or
EEPROM, endurance >100.000 cycles, data retention >10 years
ID-No and user OTP possible

Carrier Frequency: 13.56 MHz

Communication Rate: 26.4 kbps

Communication Distance: 0 ... 30 mm dependent on reader antenna and metal environment

Type :

12.06.776 **10.53.776** **12.32.776**

System:

iID-2000 ISO 15693-2 ISO 15693

Chip Type:

iID-N iID-G iID-M

Memory Capacity:

64 RO 16k RW 2k RW

Communication Distance:

30 20 20 bit
mm

Material:

panel: ABS and epoxy on top
binder: PA 6.6

Dimensions Type xx.776:

original tie type plus removeable epoxy packaged TAG 19 x 19 mm²

Mounting / Application Instructions:

indoor or outdoor, depending on tie type

Operating Temperature: -25°C ... +65°C

Storage Temperature: -40°C ... +85°C, high temperature on request

Appropriate RFID Reader:

PEN reader with RS232TTL, USB or Bluetooth interface,
for PDA with Compact Flash Card interface
HEAD reader with RS232TTL, RS485, USB for industrial application
CFC reader for PDAs or Industry Hand Helds

HOST Command Set: see actual API documentation of *microsensys* iID driver engine