

®

trovan

ID 200/300



- Super-rugged encapsulation
- Temperatures up to 220°C (400°F)
- Unobtrusive exterior
- Can be flush-mounted in metal

trovan[®]

ID 200/300

Circular Transponder
Pellet Transponder

The TROVAN ID-200 Circular Transponder is designed for use in factory automation, especially production control and logistics. Applications include keg and container identification, identification of garbage containers, and manufacturing flow control in automobile production, including the paint shop. The TROVAN ID-300 Pellet Transponder has been designed for use in manufacturing and warehousing applications. Areas of use include gas cylinder identification and small tool inventory control, as well as route accounting. Both the ID-200 Circular Transponder and the ID-300 Pellet Transponder can be read even when flush-mounted in metal.

DIMENSIONS

ID-200 26 mm(1 in) x 4.7 mm(0.18 in)
ID-300 13 mm(0.5 in) x 5 mm(0.19 in)

WEIGHT

4 g./ 1.4 g.

COUNTERSUNK OPENING (ID-200)

DIN 74 -Am5

IDENTIFICATION CODE

64 bits

SCAN ANGLE

Spherical

READING RANGE (ID-200)

GR-250 up to 34 cm (13.4 in.)
Maximum up to 56 cm (22 in.)

READING RANGE (ID-300)

GR-250 up to 25 cm (9.8 in.)
Maximum up to 35 cm (13 in.)

TRANSMIT TIME

119 μ s/bit (8375 baud)

STORAGE TEMPERATURE

ID-200 -40° to +220°C (-40° to 400°F)
ID-300 -40° to +180°C (-40° to 356°F)

OPERATING TEMPERATURE

-40°C to +85°C (-40°F to 185°F)

OPERATING FREQUENCY

128 KHz

ENVIRONMENT

IP67

VIBRATION

random -20 - 2,000 HZ/10g/ 1 hr. p. axis
sine -20 - 2,000 HZ/5g/ 1 hr. p. axis

PRESENTED BY: