

# ID 310G



- Designed for gas-cylinder ID
- Rugged, durable, weather proof
- Can be shot blasted
- Concave base for easy mounting
- ATEX certified

**trovan<sup>®</sup>**

# trovan<sup>®</sup> ID 310G

Gas Cylinder tag  
ATEX certified

The TROVAN ID-310G Gas Cylinder Transponder is designed for use in gas cylinder identification and tracking applications. The unit has a concave base that is designed to fit snugly on the shoulder of the cylinder, thereby facilitating retrofits. Its sloped shoulders are designed to deflect glancing blows.

## CHIP TYPE

EM4100v163/164 PSK Unique

## PHYSICAL

### DIMENSIONS

Diameter: 25.4 mm ± 0.3 mm

Height: 6.6 mm ± 0.3 mm

### WEIGHT

5.6 grams ± 1.0 gram

### MATERIAL

PC ABS

### COLOR

Black

## ELECTRICAL

### OPERATING FREQUENCY

128/64 kHz ± 6 kHz

### SCAN ANGLE

Spherical

### READING RANGE

up to 35 cm

## THERMAL

### STORAGE TEMPERATURE (tested exposure 1 hour)

-40°C to +90°C (1 x 1000 h)

### OPERATING TEMPERATURE

-20°C to +85°C

## CHEMICAL

### ENVIRONMENT

IP67 (water immersion 20°C, 35 h, 1 m)

### HUMIDITY

0 to 95% non-condensing

### SHOCK

IEC 68-2-6

### VIBRATION

IEC 68-2-27

## CERTIFICATION

ATEX Zone 1, gas group IIA & IIB