

# ATEX series

**Bicolor** hazardous areas beacon

II 2G EX D T6 GB/ II 2D EX TB IIIC T85°C DB IP65



TEX 30 enclosure

TEX 10 enclosure

**BICOLOR** beacon, 1 **device**, and 2 **signalling**. **High brightness LEDs**, **flashing** or **steady light**. Hardy housing composed of a low copper **aluminium base** and on one side **borosilicate glass high mechanical strength**. Suitable for use in all environments with both gas and dust. Only mines are excluded. **High protection class**,  
**Categories: 2G (zone 1 and 2); 2D (zone 21 and 22)**

## Technical Features



### Compliance

Directive 2014/34/UE ATEX | Directive 2014/35/UE Low Voltage  
 Directive 2014/30/UE electromagnetic compatibility | Directive  
 2006/42/ Machinery

### Conformity to standards

EN 60079-0 - EN 60079-1 - EN 60079-31 - EN 60947.5.1 -  
 EN 61241-0 - EN 61241-1 - EN 60204.1 - EN 60073 - EN 60529 -  
 EN 60068.2.6 - EN60068-2-27 - EN ISO 7731 - EN 981 - IEC 536

### Certifications

INERIS 01 ATEX0072X

### Enclosure

Alluminium alloy, copper-free (high corrosion resistance), sturdy  
 borosilicate glass dome and stainless steel cage guard AISI 304.

### Cable entries

¾" NPT or M25 x 1.5mm (if required)

### Operating voltage

24V AC/DC (+/- 10%)

### Current consumption

50 mA

### Lighting

High brightness LEDs

### Light output

Steady or flashing light

### Protection degree

IP65

### Operating temperature

-20° C + 60° C

### Working cycle

100%

### Connections

with screw clamps max 1,5 mmq.

### Size

Tex10 135x190; Tex30 135x195

### Weight

1,5 Kg

## ATEX BICOLOR



Part codes	Description
TEX10AA4B32B	BICOLOR beacon, orange and red, flashing light, direct mounting in every position, enclosure type 10 without cage guard. Cable entries 3/4" NPT
TEX10AA4B52B	BICOLOR beacon, red and green, flashing light, direct mounting in every position, enclosure type 10 without cage guard. Cable entries 3/4" NPT
TEX10AA4F32B	BICOLOR beacon, orange and red, steady light, direct mounting in every position, enclosure type 10 without cage guard, cable entries 3/4" NPT
TEX10AA4F52B	BICOLOR beacon, red and green, steady light, direct mounting in every position, enclosure type 10 without cage guard, cable entries 3/4" NPT
TEX30AA4B32B	BICOLOR beacon, orange and red, flashing light, cable entries 3/4" NPT, enclosure type 30 without cage guard
TEX30AA4B52B	BICOLOR beacon, red and green, flashing light, cable entries 3/4" NPT, enclosure type 30 without cage guard
TEX30AA4F32B	BICOLOR beacon, orange and red, steady light, cable entries 3/4" NPT, enclosure type 30 without cage guard
TEX30AA4F52B	BICOLOR beacon, red and green, steady light cable entries 3/4" NPT, enclosure type 30 without cage guard

For particular executions, please sign:

**OM**

Cable entries  
M25x1,5 mm

**V7**

Grey epoxy enclosure  
RAL 7000

**GB**

Cage guard  
AISI 304

Example part code BICOLOR beacon, green and red, steady light with grey enclosure type 30, M25 mm cable entries and cage guard: **TEX30AAF52B/OM/V7/GB**