AR-070

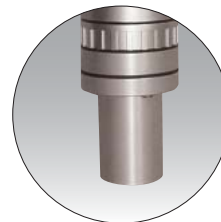**CE ⟨Ex⟩ II 3GD Ex nA IIC T4 Gc, Ex tc IIIC T85°C Dc IP65 94/9/EC (ATEX) CENELEC: EN 60079-0, EN 60079-15, EN 60079-31**

Explosion-Safe Signal Tower

RoHS   CE   ⟨Ex⟩

1/2" NPT
*1/2 NPT Adaptor also available

LED

85db at 1m
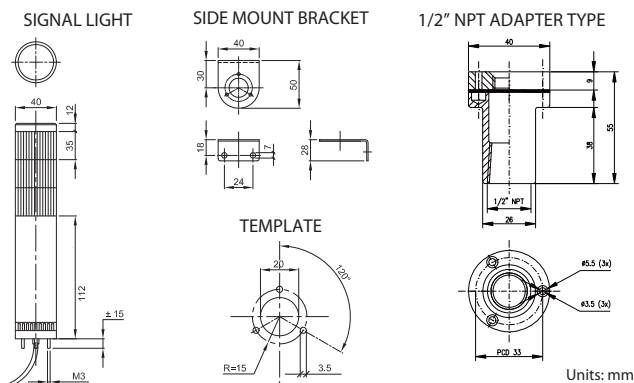
IP65 (IP54 with Buzzer)

Explosion-Safe

Φ40

FEATURES
- Explosion-Safe for gas and dust
- Suitable for Zone 2 and Zone 22
- CE Compliance in accordance to ATEX
- Full and brilliant lumination
- LED double reflection lighting system
- Different lens colors available
- Stackable from 1 to 5 tiers
- Wall mount or direct mount
- Ingress protection of IP65 (IP54 with buzzer)
- Available with "flashing/ non-flashing" and two audible alarm sounds

Side-mount Bracket

Explosion-Safe Signal Tower
φ40mm with sealed cable

Dimensions

SIGNAL LIGHT

SIDE MOUNT BRACKET

TEMPLATE

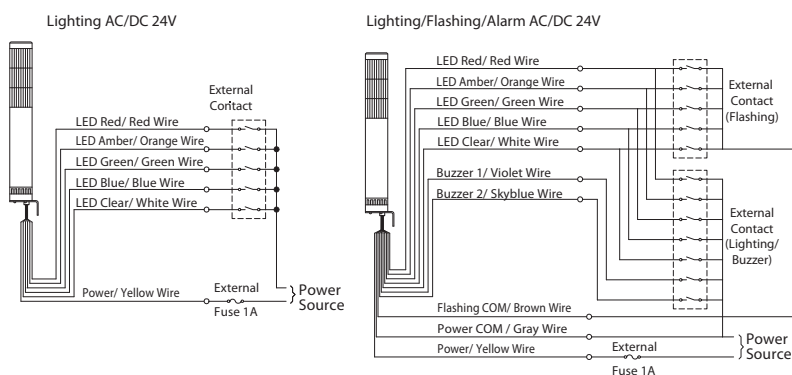1/2" NPT ADAPTER TYPE

Units: mm

Specifications

Explosion-safety	CE Ex II3 GD; Ex nA IIC T4 Gc: Ex tc IIIC T85°C Dc IP65
CE Conformities	EN 60079-0, EN 60079-15, EN 60079-31
Certification	EC Declaration of Conformity
Ambient Temperature	-30°C - +60°C
Ingress Protection	IP65 to EN 60529
Material	ABS Tower Body
Lighting Source	Multiple LED's with Double Reflection System
Acoustical Source	Buzzer with two different tones: 85dB (at 1m)
Rated Voltage	AC/DC 24V
Assembly Position	As Desired
Activation Time	100%
Module Colors Available	Red, Amber, Green, Blue, Clear/White
Cable	Factory sealed cable, φ8mm, length 3 meters

CURRENT RATINGS			
LED		BUZZER	
Signal Line Current		Signal Line Current	Inrush Current
Red, Amber	Green, Blue, Clear		
ab. 30mA	ab. 25mA	ab. 40mA	ab. 250mA

Wiring

Lighting AC/DC 24V

External Contact

LED Red/ Red Wire
LED Amber/ Orange Wire
LED Green/ Green Wire
LED Blue/ Blue Wire
LED Clear/ White Wire

Power/ Yellow Wire
External Fuse 1A
Power Source

Lighting/Flashing/Alarm AC/DC 24V

LED Red/ Red Wire
LED Amber/ Orange Wire
LED Green/ Green Wire
LED Blue/ Blue Wire
LED Clear/ White Wire
Buzzer 1/ Violet Wire
Buzzer 2/ Skyblue Wire

External Contact (Flashing)

External Contact (Lighting/ Buzzer)

Flashing COM/ Brown Wire
Power COM / Gray Wire
Power/ Yellow Wire
External Fuse 1A
Power Source

How to Order

AR-070-0☐1 / ☐☐ -RYGBC

Model Code
1 : Continuous Light
2 : Flashing/ Alarm

Rated Voltage
1: AC/DC 24V

Tiers
1: 1 Tier
2: 2 Tiers
3: 3 Tiers
4: 4 Tiers
5: 5 Tiers

LED Color
R: Red
Y: Amber
G: Green
B: Blue
C: Clear/White
(From top to bottom)

Bracket Code
Blank : L Type
N : NPT Type

※ AC type available by special order.