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Industrial ATEX Ex d Intercom Station with robust IK10 aluminum enclosure with keypad and loudspeaker **OCEAN® model OCS325M1**

OCEAN® WALL MOUNTED SLAVE STATION



Professional **ATEX Ex d** Heavy-Duty **OCEAN®** intercom station, **aluminum** body and **aluminum heavy duty Call Button**, hands-free PTT conversation, suitable for high noise areas (up to 110dB), with integrated microphone and integrated 15W loudspeaker.

- Single Button to call the Master Station
- Push-to-Talk conversation mode driven by the Master Station, for high quality conversations in high noisy areas (>90dB)

Order code: OCS325M1

OCEAN® original architecture

OCEAN is a professional industrial intercom system, based on a very simple cable network (OMNIBUS telephone cable). Each single intercom station is a self-standing autonomous unit, totally independent by the others. The system does not need a centralized switching unit, but a simple telephone cable (2x0,6mm) where all the stations are connected in parallel.

Electrical Characteristics

integrated loudspeaker: 15 W_{RMS} 110dB@1m
audio amplifier: 15 W_{RMS} 16Ω
built-in microphone: electret
consumption: max 1,0A@24Vdc <450mA@48Vdc
impedence off-hook: >10 Mohm
transmission: 0db/600Ω
power-supply: 24Vdc ±10%
optional power-supply (on demand): 48Vdc ±15%

Keypad & LEDs

- #1 Red aluminum rugged button Ø 25 mm
- #1 Red LED to show status of the station (On-Line)



ATEX UE certificate: ICEPI 07ATEX03C012

Ex protection: II2GD Ex d IIB T5 – IP65 (-25°C +55°C)
Shock-Resistance: IK10 [EN 60950]
Protection index: IP66 [EM 60529]
Material: Aluminum light-alloy RAL2003
Mounting: wall brackets
Weight: 25 kg
IP-rating: 65
Range Ex certificate: -25°C +55°C
Range of electronic cards: -40°C ÷ +70°C
Dimensions: see drawing
Power voltage: 24Vdc or 48Vdc
Cable inlets: 2 ¾" NGK threaded holes
Cableglands: not included
MTBF: 180.000 hours
MTTR: <3 minutes

