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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**

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
 Termination: screw terminals
 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 (48Vdc on demand)
 Cable inlets: 2 ¾" NGK threaded holes
 Cableglands: not included
 MTBF: 180.000 hours
 MTTR: <3 minutes

 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 90dB), 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} 90 dB@1m
 audio amplifier: 15 W_{RMS} 16Ω
 built-in microphone: electret
 consumption: max 1,0A@24Vdc (15WRMS)
 impedance off-hook: >10 Mohm
 transmission: 0db/600Ω
 power-supply: 24Vdc ±10%
 optional power-supply (on demand): 48Vdc ±10%

Keypad & LEDs

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