

# MARINE ENGINES

## MONITORING SYSTEMS FOR IVECO MOTORS MARINE APPLICATIONS



T E C H N O L O G I C A L E X C E L L E N C E

**IVECO  
MOTORS**

## MONITORING SYSTEMS FOR IVECO MOTORS MARINE APPLICATIONS

Tradition, technology and design are the hallmarks of the new panels for monitoring and controlling Iveco Motors marine engines. The new range of products is based, besides on the availability of conventional analog instrumentation kits for single and double stations, mainly on 4 panels :

PA = Main analog panel  
FBA = Flying bridge analog panel

PD = Main digital panel  
FDB = Flying bridge digital panel

SPECIFICATIONS AND FUNCTIONS OF THE PANELS	PA	FBA	PD	FBD
Panel dimensions (mm)	295 x 210	250 x 150	295 x 210	295 x 210
Supply voltage (V)	12 **	12 / 24	12 / 24	12 / 24
Max. consumption with lighting (mA @ 12/24 V)	1100 / 1000	400 / 400	310 / 200	310 / 200
Enclosure (front)	IP 65	IP 65	IP 66	IP 66
Instrumentation international standards	IEC 945	IEC 945	IEC 945	IEC 945
Connector international standards	MIL 1344/1001	MIL 1344/1001	MIL 1344/1001	MIL 1344/1001
Operating temperature range	-20 / +70	-20 / +70	-20 / +70	-20 / +70
Transflective liquid crystal display	NO	NO	YES	YES
Tachometer	YES	YES	YES	YES
Hour meter	YES	NO	YES	YES
Oil pressure	YES	NO	YES	YES
Water temperature	YES	NO	YES	YES
Voltmeter	YES	YES	YES	YES
Optical alarm module (13 functions)	YES	YES	YES	YES
Alarm horn	YES	YES	YES	YES
Horn silencer button	YES	YES	YES	YES
Night light button	YES	NO	NO	NO
Start / Stop switch	YES	NO	YES	NO
Start button	NO	YES	NO	YES
Stop button	NO	YES	NO	YES
Turbocharging air pressure	NO	NO	YES	YES
Exhaust gas temperature fitting	NO	NO	YES	YES
Fuel consumption (L/H)	NO	NO	YES	YES
Maintenance program button	NO	NO	YES	YES
Function scroll button	NO	NO	YES	YES
Routine maintenance reset button	NO	NO	YES	YES
Engine wiring connector	YES	NO	YES	NO
Flying bridge connector	YES	NO	YES	NO
Main panel connector	NO	YES	NO	YES

\*\* = PA at 24 V as an alternative.

The PD and FBD panels require the additional application of the signal **conversion module** for electronically controlled engines, whose use offers additional functions such as: CAN-BUS line, engine throttle control via external electric signal : 0,5 - 4,5 V.

The **alarm modules** supplied both loose in the instrumentation kits and in the panels feature 13 alarm functions with design specifications and optimized for Iveco Motors marine engines with both mechanical and electronic control.

The accessories are comprehensive of electric extension cables of 3 M, 5 M and 7 M for the connection between the engine wiring, main panel and flying bridge.

Local distributor