

Comparison FG-NET vs FG-SYS

Alarm Units



General

Digital system	YES	YES
Circuits	Up to 35* (32 exterior circuits + 3 integrated circuits)	3
Leak localization in meter / in section for oil	YES	YES
Cablebreak localization on cable	YES	YES
Simultaneous leaks can be detected	YES. 500 câbles installed* = 500 potential alarms	YES. 120 câbles installed* = 120 potential alarms
Buzzer alarm (for leak and cablebreak)	YES	YES

Display

Display	Touch screen 7"	LCD 4x20 characters screen
Integrated map show defaults in real time	YES	NO

Sense Cables

Maximum lengths of sense cables can be connected	500*	120
Maximum lengths of single sense cables (in meter)	15	15
Maximum length of sense cables connected (in meter)	7500	1800
Compatible with the types of sense cables	Water, Acid and Oil sense cables. Digital sense cables: FG-EC, FG-AC, FG-OD; Analog sense cables (via box FG-DTCS): FG-ECS, FG-ACS; Boxes: FG-DOD, FG-DTC, FG-DTCS	Not compatible with FG-OD cables. Digital sense cables: FG-EC, FG-AC; Analog sense cables (via box FG-DTCS): FG-ECS, FG-ACS; Boxes: FG-DTC, FG-DTCS

Satellite Systems

Can be connected with satellites panels to expanse its capacity	YES, with FG-BBOX, FG-RELAYS	NO
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Communication

Numbers of integrated relays	9 (8 + 1 power failure relay)	9 (8 + 1 power failure relay)
Relays extension up to:	384 (via 16 x FG-RELAYS)	NO
Relays type: leak	unlimited	Max 1 per cable
cablebreak	unlimited	Max 1 per cable
Modbus/JBUS Protocol with interface (RS232 and RS422/485)	YES	YES (2 interface)
Modbus TCP (IP)	YES	NO
TCP/IP (RJ45)	YES	NO
SD card slot	YES	NO

Additional Functions

Alarm delay time adjustable cable by cable (temporisation)	YES	NO
Isolation sense cable from the system (ejection)	YES	NO
Event log	YES (up to 5000 event logs)	YES (up to 30 event logs)
Access code	YES (admin + 5 users)	YES (1 user)

Technical information

Supply voltage	100 - 240 VAC - 50/60 Hz	100-240VAC – 50/60Hz
Working temperature range	5°C - 40°C	5°C - 40°C
Enclosure material (wall mounted version)	Polystyrene resin self-extinguishing enclosure (UL94 approved)	Metal enclosure
Weight (wall mounted version)	2,3 kg	3 kg
Dimension (wall mounted version: Width x Height x Depth)	228x303x67mm	200x250x100mm

*: when connected to 16 x FG-BBOX (satellite device with 2 circuits)