



OI05, OA05-W, DMA05-W, IND05-W

Wireless Range

- **OI05: Monitoring module, EN54-17, EN54-18, EN54-25**
- **OA05-W: Wireless optical smoke detector. EN54-7, EN54-25**
- **DMA05-W: Wireless manual call point. EN54-11, EN54-25**
- **IND05-W: Wireless remote indicator. EN54-18, EN54-25**

SD3 wireless detection range offer a basic wireless solution for specific installations of fire detection systems.

The wireless range is composed of a **monitoring module, OI05**, for the interface of the wireless protocol of detectors with the wired protocol of the Héphaïs 1600 panel. **Optical smoke detectors, OA05-W**, and **Manual call points, DMA05-W**.

With the same features of sensitivity and interactive mode as the range 05 detectors, Wireless solutions provides a **perfect solution for cable free installation** such as museums and classified sites, mobile rooms, for industry or for shows, hospital. Configuration of the wireless devices to Héphaïs 1600 is made through dedicated software TéléWireless.



Main characteristics

- Optical detector and Manual call point available.
- Compatible with Héphaïs 1600 on loop or line.
- Up to 80 total addresses per loop.
- Up to 1000m area management on free space.
- 100m inside building.
- Protocol messages forwarding.
- Double antenna on each equipment
- **CE according to CPD**
- **EN54-25 certified for Wireless systems**
- **EN54-7, EN54-11, EN54-17, EN54-18 certified**

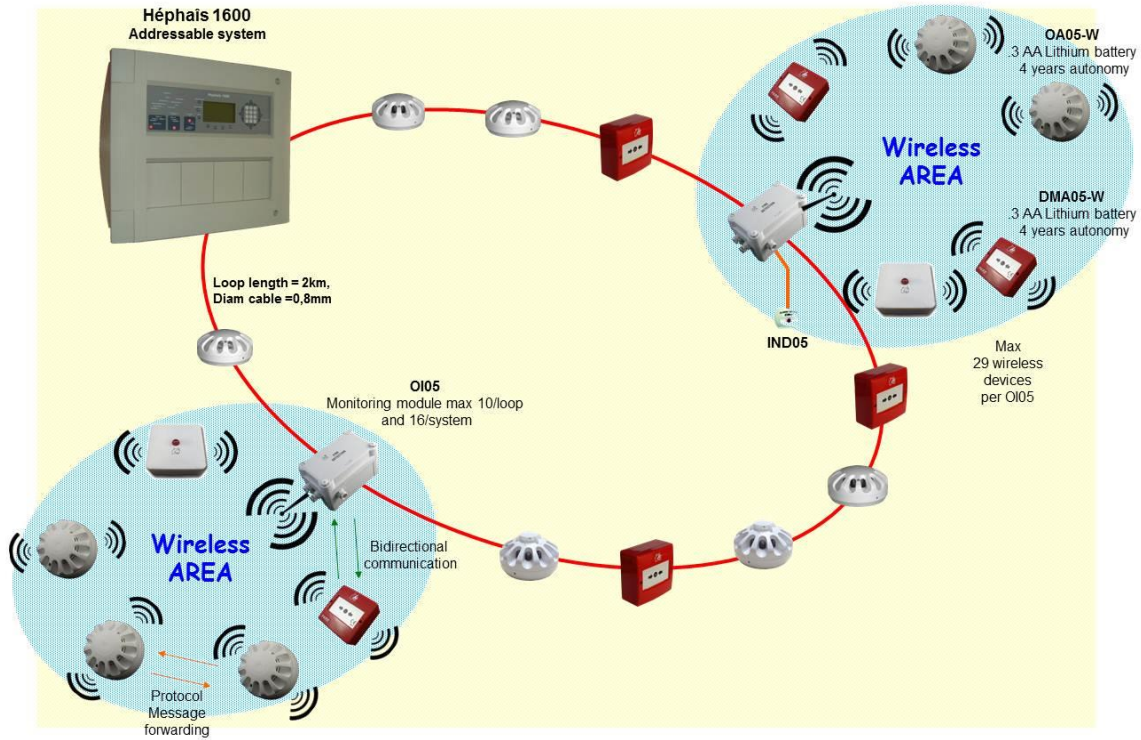
Power supply specification				
	OI05	OA05-W	DMA05-W	IND05-W
Main supply voltage Nominal	12V – 28V 24V	3,6V – 6V 4,5V	3,6V – 6V 4,5V	3,7V dcto 6Vdc 4,5Vdc
Current consumption at nominal voltage	Starting up: 14mA Standby: 10mA Alarm: 10mA Fault: 10mA	Standby: 100µA Alarm: 1,5 mA +/- 1mA Fault: 100µA Radio emission: 50mA	Standby: 70µA Alarm: 1,5mA +/- 1mA Fault: 70 µA Radio emission: 50mA	Standby: 70µA Alarm: 7mA +/- 1mA Fault: 70µA Radio emission: 50mA
Autonomy	Powered by loop	4 years 3 batteries AA	4 years 3 batteries AA	3 years 3 batteries AA
Mechanical characteristics				
Unit weight	555g	245g	270g	190 g
Unit dimensions (in mm)	192x121x105	(Øxh)114x75	98x98x63	78,4 x 78,4 x 58
Unit row material	ABS grey	ABS white	ABS red	ABS White
IP rating	64	32	32	50
Climatic characteristics				
Operating temperature	-10°C to +55°C			
Storage temperature	+10°C to +55°C			
Operating relative humidity	≤ 93% +/- 3% RH			
Storage relative humidity	≤ 85%			
Radio characteristics				
Frequency range	868 – 870 Mhz			
Channel width and number	25 Khz / 80			
Signal strength	5 dBm			
Sensitivity	-120 dBm			



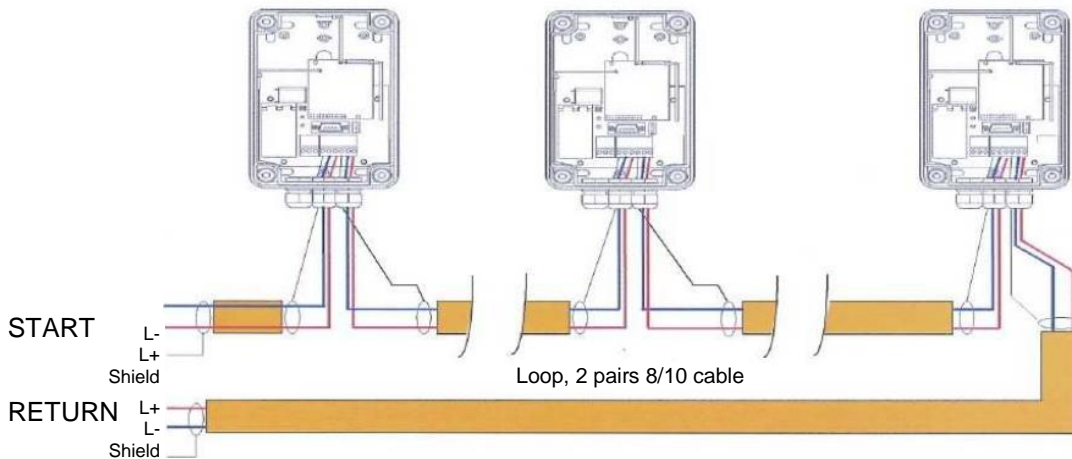
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Wireless Range

WIRELESS SYSTEM RANGE 05-W



OI05-W connection on Héphaïs 1600 loop



REFERENCE

OI05
OA05-W
DMA05-W
IND05-W
TeleWireless
BT05-W

DESCRIPTION

Monitoring module, can be connected on Héphaïs 1600 loop/line CE according to CPD, EN54-25
Wireless optical smoke detector, CE according to CPD, EN54-7, EN54-25
Wireless manual call point, CE according to CPD, EN54-11, EN54-25
Wireless remote indicator. CE according to CPD EN54-18, EN54-25
Software programming tool for wireless solutions
Radio test system. To optimize Wireless installation.