



ING7, INE7, INE7T

Industrial series gas detectors

The detectors from the Industrial series are manufactured using the most modern reflow and SMT construction techniques. They use the latest generation of microprocessor technology to deliver fast response and ensure accuracy and reliability.

The sensitive element is connected to an interchangeable device component which allows installers to replace the sensor cap (the part susceptible to wear and tear) without needing to recalibrate the device. The complete product line includes a wide array gas leak detectors, all available in explosion-proof or dust-proof

enclosures to satisfy even the most exacting requirements. During the installation phase or maintenance sessions, you can interface Industrial series detectors with a PC or Android Smartphone (via an INA55-701 interface) in order to configure the parameters, change the intervention thresholds, check the gas-level readings and/or simulate alarm, pre-alarm and fault conditions.



MAIN FEATURES

- Thresholds configurable in L.E.L. or P.P.M percentage (%) or percentage of the volume (for oxygen detector only) depending on the gas to be detected
- Selectable delays from 0 to 240 seconds for each individual threshold
- Reading compensation system in accordance with ambient temperature
- Replacement of sensor cap directly on-site without need of titrated gas canisters
- Connection to PC or Android SmartPhone (via INA55-700 interface) for threshold, filter and delay settings; real-time value readings, and simulation of alarm, pre-alarm and fault conditions

ING7 – Detector in IP55 enclosure

Detector housed in an IP55 protection rated dust-proof metal enclosure. The sensitive element is located on the underside of the enclosure and is protected by a stainless steel mesh. The sensor cap can be easily and cost-efficiently replaced at the end of its functional life (3 years in favourable environments with no polluting agents) without any need of dismantling the detector.



INE7 – Detector in explosion-proof enclosure

II 2G Ex d IIC T6 ATEX certified detector in explosion-proof enclosure; the electronic circuitry housing is made from diecast aluminium suitable for installation in classified areas. The sensitive element is housed in an AISI 303 stainless steel, chromed brass enclosure, coated with approved resin and is located on the underside of the aluminium enclosure. The sensitive element is protected by a synthesized steel powder disc. The sensor cap can be easily and cost-efficiently replaced at the end of its functional life (3 years in favourable environments with no polluting agents) without any need of dismantling the detector.



INE7T – Detector in explosion-proof housing with LCD touch screen

Detector in explosion-proof enclosure like the INE7 series detectors with the addition of an LCD display touch screen, thanks to which calibration, verification and maintenance operations can be performed without opening the enclosure. Thanks to this feature, it is also possible to operate in environments classified as safe.



ING7, INE7, INE7T

Orders for detectors must specify not only the type of enclosure, but also the type of gas, the technology of the sensitive element and the type of output interface. Following is a schematic representation of the order codes.

IN Suffix	IN	Detector technology (see table 2)	t
G = IP55 enclosure / E = ATEX enclosure	h	LCD display touch screen	T
Industrial Series (7)	7	Hyphen	-
Type of gas (see table 1)	nn	Type of interface (see table 3)	ii

TABLE 1

Code nn	Gas detected	Pre-set Pre-alarm/Alarm thresholds	Range
00	Methane (CH ₄)	15/30% L.E.L.	0 – 100% L.E.L.
01C/01P	Hazard gases (see Order Code Table)	15/30% L.E.L.	0 – 100% L.E.L.
01D	Refrigerant gases	15/30% L.E.L.	0 – 100% L.E.L.
01HNO ₂	Nitrogen dioxide (NO ₂)	5/10 PPM	0 – 20 PPM
01HH ₂ S	Hydrogen Sulphide (H ₂ S)	5/10 PPM	0 – 20 PPM
01IR	Carbon dioxide (CO ₂) / Butane (C ₄ H ₁₀)	1000/2000 PPM, 4000/8000 PPM, 10000/20000 PPM	0 – 10000 PPM 0 – 30000 PPM
02	Petrol fumes	15/30% L.E.L.	0 – 100% L.E.L.
03	Carbon monoxide (CO)	100/200 PPM	0 – 500 PPM
04	Hydrogen (H ₂)	15/30% L.E.L.	0 – 100% L.E.L.
05	LPG (Liquid Petroleum Gas)	15/30% L.E.L.	0 – 100% L.E.L.
06	Propane	15/30% L.E.L.	0 – 100% L.E.L.
07	Ammonia (NH ₃)	100/200 PPM	0 – 500 PPM
08	Ammonia (NH ₃)	1000/2000 PPM	0 – 2000 PPM
09	Acetylene	15/30% L.E.L.	0 – 100% L.E.L.
10	Oxygen (Excess)	24% / 27%	21 – 42% volume
11	Oxygen (Defect)	18% / 15%	21 – 0% volume

TABLE 2

Code t	Technology of sensitive element of detector
S	Semiconductor
C	Catalytic
P	Pellistor
H	Electrochemical cell
IR	Infrared

TABLE 3

Code ii	Type of interface
RL	3 Relays (Alarm, Pre-alarm and Fault)
AS-C	Connection with conventional line (provides Pre-alarm, Alarm and Fault signalling. One detector only per line)
AS-M	Connection for addressable Input module – Inim model EM312SR
42	4–20 mA module
LE	Direct connection to Inim Loop
MB	MODBUS

TECHNICAL FEATURES

Supply voltage		11 – 30 Vdc
Standby current consumption	Semiconductor sensors	50 mA
	Catalytic sensors	70 mA
	Electrochemical sensors	30 mA
Alarm current consumption	Semiconductor sensors	80 mA
	Catalytic sensors	100 mA
	Electrochemical sensors	60 mA
Operating temperature		from 0 to +40 °C
Weight	IP55 enclosure	370 g
	ATEX enclosure	1000 g
Dimensions	IP55 enclosure	141x100x60 mm
	ATEX enclosure	165x90x80 mm
Maximum ambient air speed in the protected ambient		10 m/S

ORDER CODE TABLE

Detector with Semiconductor sensitive element in IP55 enclosure

Suitable for environments with clean and dry air



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	ING700S-42	ING700S-RL	ING700S-AS-M	ING700S-AS-C	ING700S-LE	ING700S-MB	INRG-700S
Refrigerant gases *	ING701D-42	ING701D-RL	ING701D-AS-M	ING701D-AS-C	ING701D-LE	ING701D-MB	INRG-701D
Ammonia (500 ppm)	ING707S-42	ING707S-RL	ING707S-AS-M	ING707S-AS-C	ING707S-LE	ING707S-MB	INRG-707S
Ammonia (2000 ppm)	ING708S-42	ING708S-RL	ING708S-AS-M	ING708S-AS-C	ING708S-LE	ING708S-MB	INRG-708S

Detector with Semiconductor sensitive element in ATEX enclosure

Suitable for environments with clean and dry air



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	INE700S-42	INE700S-RL	INE700S-AS-M	INE700S-AS-C	INE700S-LE	INE700S-MB	INRE-700S
Refrigerant gases *	INE701D-42	INE701D-RL	INE701D-AS-M	INE701D-AS-C	INE701D-LE	INE701D-MB	INRE-701D
Ammonia (500 ppm)	INE707S-42	INE707S-RL	INE707S-AS-M	INE707S-AS-C	INE707S-LE	INE707S-MB	INRE-707S
Ammonia (2000 ppm)	INE708S-42	INE708S-RL	INE708S-AS-M	INE708S-AS-C	INE708S-LE	INE708S-MB	INRE-708S

Detectors with sensitive catalytic element in IP55 enclosure

Suitable for environments with light pollution



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	ING700C-42	ING700C-RL	ING700C-AS-M	ING700C-AS-C	ING700C-LE	ING700C-MB	INRG-700C
Hazard gases **	ING701C-42	ING701C-RL	ING701C-AS-M	ING701C-AS-C	ING701C-LE	ING701C-MB	INRG-701C
Petrol fumes	ING702C-42	ING702C-RL	ING702C-AS-M	ING702C-AS-C	ING702C-LE	ING702C-MB	INRG-702C
Hydrogen	ING704C-42	ING704C-RL	ING704C-AS-M	ING704C-AS-C	ING704C-LE	ING704C-MB	INRG-704C
LPG	ING705C-42	ING705C-RL	ING705C-AS-M	ING705C-AS-C	ING705C-LE	ING705C-MB	INRG-705C
Propane	ING706C-42	ING706C-RL	ING706C-AS-M	ING706C-AS-C	ING706C-LE	ING706C-MB	INRG-706C
Acetylene	ING709C-42	ING709C-RL	ING709C-AS-M	ING709C-AS-C	ING709C-LE	ING709C-MB	INRG-709C

Detectors with sensitive catalytic element in ATEX enclosure

Suitable for environments with light pollution



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	INE700C-42	INE700C-RL	INE700C-AS-M	INE700C-AS-C	INE700C-LE	INE700C-MB	INRE-700C
Hazard gases **	INE701C-42	INE701C-RL	INE701C-AS-M	INE701C-AS-C	INE701C-LE	INE701C-MB	INRE-701C
Petrol fumes	INE702C-42	INE702C-RL	INE702C-AS-M	INE702C-AS-C	INE702C-LE	INE702C-MB	INRE-702C
Hydrogen	INE704C-42	INE704C-RL	INE704C-AS-M	INE704C-AS-C	INE704C-LE	INE704C-MB	INRE-704C
LPG	INE705C-42	INE705C-RL	INE705C-AS-M	INE705C-AS-C	INE705C-LE	INE705C-MB	INRE-705C
Propane	INE706C-42	INE706C-RL	INE706C-AS-M	INE706C-AS-C	INE706C-LE	INE706C-MB	INRE-706C
Acetylene	INE709C-42	INE709C-RL	INE709C-AS-M	INE709C-AS-C	INE709C-LE	INE709C-MB	INRE-709C

* List of refrigerant gases: R32, R410a, R404a, R134a, R1234yf

** Hazard gases list (verify if available): Methanol (methyl alcohol), Pentane, Heptane, Ethyl acetate, Ethylene, Ethanol (Ethyl alcohol), Butane, Exane, iso-Butane

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Detectors with pellistor sensitive element in IP55 enclosure

Suitable for polluted environments



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	ING700P-42	ING700P-RL	ING700P-AS-M	ING700P-AS-C	ING700P-LE	ING700P-MB	INRG-700P
Hazard gases **	ING701P-42	ING701P-RL	ING701P-AS-M	ING701P-AS-C	ING701P-LE	ING701P-MB	INRG-701P
Petrol fumes	ING702P-42	ING702P-RL	ING702P-AS-M	ING702P-AS-C	ING702P-LE	ING702P-MB	INRG-702P
Hydrogen	ING704P-42	ING704P-RL	ING704P-AS-M	ING704P-AS-C	ING704P-LE	ING704P-MB	INRG-704P
LPG	ING705P-42	ING705P-RL	ING705P-AS-M	ING705P-AS-C	ING705P-LE	ING705P-MB	INRG-705P
Propane	ING706P-42	ING706P-RL	ING706P-AS-M	ING706P-AS-C	ING706P-LE	ING706P-MB	INRG-706P
Acetylene	ING709P-42	ING709P-RL	ING709P-AS-M	ING709P-AS-C	ING709P-LE	ING709P-MB	INRG-709P

Detectors with pellistor sensitive element in ATEX enclosure

Suitable for polluted environments



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panel terminals	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	INE700P-42**	INE700P-RL**	INE700P-AS-M	INE700P-AS-C	INE700P-LE	INE700P-MB	INRE-700P
Hazard gases *	INE701P-42	INE701P-RL	INE701P-AS-M	INE701P-AS-C	INE701P-LE	INE701P-MB	INRE-701P
Petrol fumes	INE702P-42	INE702P-RL	INE702P-AS-M	INE702P-AS-C	INE702P-LE	INE702P-MB	INRE-702P
Hydrogen	INE704P-42	INE704P-RL	INE704P-AS-M	INE704P-AS-C	INE704P-LE	INE704P-MB	INRE-704P
LPG	INE705P-42	INE705P-RL	INE705P-AS-M	INE705P-AS-C	INE705P-LE	INE705P-MB	INRE-705P
Propane	INE706P-42	INE706P-RL	INE706P-AS-M	INE706P-AS-C	INE706P-LE	INE706P-MB	INRE-706P

Detectors with pellistor sensitive element in ATEX enclosure with LCD touch screen display

Suitable for polluted environments



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panel terminals	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	INE700PT-42**	INE700PT-RL**	INE700PT-AS-M	INE700PT-AS-C	INE700PT-LE	INE700PT-MB	INRE-700P
Hazard gases *	INE701PT-42	INE701PT-RL	INE701PT-AS-M	INE701PT-AS-C	INE701PT-LE	INE701PT-MB	INRE-701P
Petrol fumes	INE702PT-42	INE702PT-RL	INE702PT-AS-M	INE702PT-AS-C	INE702PT-LE	INE702PT-MB	INRE-702P
Hydrogen	INE704PT-42	INE704PT-RL	INE704PT-AS-M	INE704PT-AS-C	INE704PT-LE	INE704PT-MB	INRE-704P
LPG	INE705PT-42	INE705PT-RL	INE705PT-AS-M	INE705PT-AS-C	INE705PT-LE	INE705PT-MB	INRE-705P
Propane	INE706PT-42	INE706PT-RL	INE706PT-AS-M	INE706PT-AS-C	INE706PT-LE	INE706PT-MB	INRE-706P
Acetylene	INE709PT-42	INE709PT-RL	INE709PT-AS-M	INE709PT-AS-C	INE709PT-LE	INE709PT-MB	INRE-709P

* Hazard gases list (verify if available): Methanol (methyl alcohol), Pentane, Heptane, Ethyl acetate, Ethylene, Ethanol (Ethyl alcohol), Butane, Exane, iso-Butane

** EN60079-29-1 version available.

Detectors with electrochemical cell type sensitive element in IP55 enclosure

Suitable for toxic gas detection (measuring in PPM)



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Nitrogen dioxide	ING701HNO2-42	ING701HNO2-RL	ING701H-NO2-AS-M	ING701H-NO2-AS-C	ING701HNO2-LE	ING701HNO2-MB	INRG-701HNO2
Hydrogen Sulphide	ING701HH2S-42	ING701HH2S-RL	ING701HH2S-AS-M	ING701HH2S-AS-C	ING701HH2S-LE	ING701HH2S-MB	INRG-701HH2S
Carbon monoxide	ING703H-42	ING703H-RL	ING703H-AS-M	ING703H-AS-C	ING703H-LE	ING703H-MB	INRG-703H
Carbon monoxide EN50545	ING703HPK-42	ING703HPK-RL4	/	/	ING703HPK-LE	ING703HPK-MB	INRG-703HPK
Ammonia (500 ppm)	ING707H-42	ING707H-RL	ING707H-AS-M	ING707H-AS-C	ING707H-LE	ING707H-MB	INRG-707H
Ammonia (2000 ppm)	ING708H-42	ING708H-RL	ING708H-AS-M	ING708H-AS-C	ING708H-LE	ING708H-MB	INRG-708H
Oxygen (Excess)	ING710H-42	ING710H-RL	ING710H-AS-M	ING710H-AS-C	ING710H-LE	ING710H-MB	INRG-710H
Oxygen (Defect)	ING711H-42	ING711H-RL	ING711H-AS-M	ING711H-AS-C	ING711H-LE	ING711H-MB	INRG-711H
Oxygen for medical applications (excess)	ING710HMD-42	ING710HMD-RL	ING710HMD-AS-M	ING710HMD-AS-C	ING710HMD-LE	ING710HMD-MB	INRG-710HMD
Oxygen for medical applications (defect)	ING711HMD-42	ING711HMD-RL	ING711HMD-AS-M	ING711HMD-AS-C	ING711HMD-LE	ING711HMD-MB	INRG-711HMD

Detectors with Electrochemical Cell type sensitive element in ATEX enclosure

Suitable for toxic gas detection (measuring in PPM)



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Nitrogen dioxide	INE701HNO2-42	INE701HNO2-RL	INE701HNO2-AS-M	INE701HNO2-AS-C	INE701HNO2-LE	INRE-701HNO2-MB	INRE-701HNO2
Hydrogen Sulphide	INE701HH2S-42	INE701HH2S-RL	INE701HH2S-AS-M	INE701HH2S-AS-C	INE701HH2S-LE	INRE-701HH2S-MB	INRE-701HH2S
Carbon monoxide	INE703H-42	INE703H-RL	INE703H-AS-M	INE703H-AS-C	INE703H-LE	INRE-703H-MB	INRE-703H
Ammonia (500 ppm)	INE707H-42	INE707H-RL	INE707H-AS-M	INE707H-AS-C	INE707H-LE	INRE-707H-MB	INRE-707H
Ammonia (2000 ppm)	INE708H-42	INE708H-RL	INE708H-AS-M	INE708H-AS-C	INE708H-LE	INRE-708H-MB	INRE-708H
Oxygen (Excess)	INE710H-42	INE710H-RL	INE710H-AS-M	INE710H-AS-C	INE710H-LE	INRE-710H-MB	INRE-710H
Oxygen (Defect)	INE711H-42	INE711H-RL	INE711H-AS-M	INE711H-AS-C	INE711H-LE	INRE-711H-MB	INRE-711H

Detectors with Electrochemical Cell type sensitive element in ATEX enclosure with LCD touch screen display

Suitable for toxic gas detection (measuring in PPM)



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panel terminals	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Nitrogen dioxide	INE701HTNO2-42	INE701HTNO2-RL	INE701HT-NO2-AS-M	INE701HT-NO2-AS-C	INE701HTNO2-LE	INE701HTNO2-MB	INRE-701HTNO2
Hydrogen Sulphide	INE701HHTH2S-42	INE701HHTH2S-RL	INE701HHTH2S-AS-M	INE701HHTH2S-AS-C	INE701HHTH2S-LE	INE701HHTH2S-MB	INRE-701HHTH2S
Carbon monoxide	INE703HT-42	INE703HT-RL	INE703HT-AS-M	INE703HT-AS-C	INE703HT-LE	INE703HT-MB	INRE-703H
Ammonia (500 ppm)	INE707HT-42	INE707HT-RL	INE707HT-AS-M	INE707HT-AS-C	INE707HT-LE	INE707HT-MB	INRE-707H
Ammonia (2000 ppm)	INE708HT-42	INE708HT-RL	INE708HT-AS-M	INE708HT-AS-C	INE708HT-LE	INE708HT-MB	INRE-708H
Oxygen (Excess)	INE710HT-42	INE710HT-RL	INE710HT-AS-M	INE710HT-AS-C	INE710HT-LE	INE710HT-MB	INRE-710H
Oxygen (Defect)	INE711HT-42	INE711HT-RL	INE711HT-AS-M	INE711HT-AS-C	INE711HT-LE	INE711HT-MB	INRE-711H

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Detectors with infrared sensitive element in IP55 enclosure

Suitable for selective measure of specific gases



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	ING700IR-42	ING700IR-RL	ING700IR-AS-M	ING700IR-AS-C	ING700IR-LE	ING700IR-MB	INRG-700IR
Carbon Dioxide / Butane ***	ING701IR-42	ING701IR-RL	ING701IR-AS-M	ING701IR-AS-C	ING701IR-LE	ING701IR-MB	INRG-701IR
LPG	ING705IR-42	ING705IR-RL	ING705IR-AS-M	ING705IR-AS-C	ING705IR-LE	ING705IR-MB	INRG-705IR
Propane	ING706IR-42	ING706IR-RL	ING706IR-AS-M	ING706IR-AS-C	ING706IR-LE	ING706IR-MB	INRG-706IR

Detectors with infrared sensitive element in ATEX enclosure

Suitable for selective measure of specific gases



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	INE700IR-42	INE700IR-RL	INE700IR-AS-M	INE700IR-AS-C	INE700IR-LE	INE700IR-MB	INRE-700IR
Carbon Dioxide / Butane ***	INE701IR-42	INE701IR-RL	INE701IR-AS-M	INE701IR-AS-C	INE701IR-LE	INE701IR-MB	INRE-701IR
LPG	INE705IR-42	INE705IR-RL	INE705IR-AS-M	INE705IR-AS-C	INE705IR-LE	INE705IR-MB	INRE-705IR
Propane	INE706IR-42	INE706IR-RL	INE706IR-AS-M	INE706IR-AS-C	INE706IR-LE	INE706IR-MB	INRE-706IR

*** To be specified in the order:

- Detectable gas type (Carbon Dioxide or Butane)
- Threshold for Carbon Dioxide (1000/2000ppm, 4000/8000ppm or 10000/20000ppm)
- Measuring range for Carbon Dioxide (0 - 10000ppm or 0 - 30000 ppm)

Detectors with infrared sensitive element in ATEX enclosure with LCD touch-screen display

Suitable for selective measure of specific gases



	42	RL	AS-M	AS-C	LE	MB	
	4-20 mA	Relay	For connection to Inim addressable modules	For connection to SmartLine conventional control panels	Direct connection to Inim loops	For MODBUS connection	Replacement sensor
Methane	INE700IRT-42	INE700IRT-RL	INE700IRT-AS-M	INE700IRT-AS-C	INE700IRT-LE	INE700IRT-MB	INRE-700IR
Carbon Dioxide / Butane ***	INE701IRT-42	INE701IRT-RL	INE701IRT-AS-M	INE701IRT-AS-C	INE701IRT-LE	INE701IRT-MB	INRE-701IR
LPG	INE705IRT-42	INE705IRT-RL	INE705IRT-AS-M	INE705IRT-AS-C	INE705IRT-LE	INE705IRT-MB	INRE-705IR
Propane	INE706IRT-42	INE706IRT-RL	INE706IRT-AS-M	INE706IRT-AS-C	INE706IRT-LE	INE706IRT-MB	INRE-706IR

*** To be specified in the order:

- Detectable gas type (Carbon Dioxide or Butane)
- Threshold for Carbon Dioxide (1000/2000 PPM, 4000/8000 PPM or 10000/20000 PPM)
- Measuring range for Carbon Dioxide (0 - 10000ppm or 0 - 30000 PPM)

ACCESSORIES

- INA55-701** Gas detector to Android SmartPhone interface
Interfaces the gas detector to a smartphone with Android operative system, allows you to read and change the detector parameters and simulate pre-alarm, alarm and fault status.
Complete with CD containing the required App.
- INB12** 1 litre tester canister for gas detectors
Tester for functional testing of gas detectors.
To be used by qualified persons only, sufficient for approximately 8 tests.
- INB34** 3 liters tester canister for gas detectors
Tester for functional testing of gas detectors.
To be used by qualified persons only, sufficient for approximately 24 tests.
- INB58** 5 liters tester canister for gas detectors
Tester for functional testing of gas detectors.
To be used by qualified persons only, sufficient for approximately 40 tests.
- INA55-104** Valve for 1l cylinders
- INA55-108** Cup for test aerosol delivery
- INA55-109** Stainless steel mounting bracket for ATEX standard detectors (without display)
- INA55-110** Flowmeter with valve for the 1l cylinders
- INA55-111** Flowmeter with valve for the 3l and 5l cylinders
- INE7T** Detector in explosion-proof housing with LCD touch-screen

GAS

	1l disposable cylinder	3l disposable cylinder	5l disposable cylinder
Propane 20% L.E.L., suitable for LPG detectors also	INB12-100	INB34-100	INB58-100
Propane 40% L.E.L., suitable for LPG detectors also	INB12-101	INB34-101	INB58-101
Methane 20% L.E.L.	INB12-102	INB34-102	INB58-102
Methane 40% L.E.L.	INB12-103	INB34-103	INB58-103
Hydrogen 20% L.E.L.	INB12-104	INB34-104	INB58-104
Hydrogen 40% L.E.L.	INB12-105	INB34-105	INB58-105
Acetylene 20% L.E.L.	INB12-106	INB34-106	INB58-106
Acetylene 40% L.E.L.	INB12-107	INB34-107	INB58-107
Carbon monoxide, 150 PPM	INB12-108	INB34-108	INB58-108
Carbon monoxide, 300 PPM	INB12-109	INB34-109	INB58-109
Oxygen 25% Volume	INB12-110	INB34-110	INB58-110
Isobutane 20% L.E.L., suitable for petrol fumes detectors also	INB12-111	INB34-111	INB58-111
Isobutane 50% L.E.L., suitable for petrol fumes detectors also	INB12-112	INB34-112	INB58-112
Oxygen 15% Volume	INB12-113	INB34-113	INB58-113
25 PPM Ammonia in air	/	INB34-114	INB58-114
100 PPM Ammonia in air	/	INB34-115	INB58-115
500 PPM Ammonia in air	/	INB34-116	INB58-116
1000 PPM Ammonia in air	/	INB34-117	INB58-117
Carbon dioxide, 500 PPM, rest in air	INB12-118	INB34-118	INB58-118
Carbon dioxide, 1000 PPM, rest in air	INB12-119	INB34-119	INB58-119
Carbon dioxide, 5000 PPM, rest in air	INB12-120	INB34-120	INB58-120
Carbon dioxide, 10000 PPM, rest in air	INB12-121	INB34-121	INB58-121
Carbon dioxide, 20000 PPM, rest in air	INB12-122	INB34-122	INB58-122
Carbon dioxide, 30000 PPM, rest in air	INB12-123	INB34-123	INB58-123
Pentane 20% L.E.L.	INB12-124	INB34-124	INB58-124
Pentane 40% L.E.L.	INB12-125	INB34-125	INB58-125
Refrigerant gas	INB12-126	INB34-126	INB58-126
Benzene 20% L.E.L.	INB12-127	INB34-127	INB58-127
Benzene 36.92% L.E.L.	INB12-128	INB34-128	INB58-128
Nitrogen dioxide 5 PPM in air	/	INB34-129	INB58-129
Nitrogen dioxide 20 PPM in air	/	INB34-130	INB58-130

ORDER CODES

ING7	Detector in IP55 enclosure
INE7	Detector in explosion-proof enclosure
INE7T	Detector in explosion-proof housing with LCD touch-screen