PRIMELOG
AN OVARRO TECHNOLOGY

PRIMELOG
A small, robust and submersible battery powered water data logger designed to meet a wide range of applications

VARIANTS	1F	1P	2	2i
No. of bi-directional flow channels	1	-	1	1
No. of uni-directional flow channels	2	-	2	2
No. of analogue options (V, mV or mA)	-	-	3	-
No. of internal pressure transducers	-	1	-	1

LOGGING

Memory size	2GB (500 million readings)
Memory storage	Cyclic or start/stop
Data types:	Daily, minimum, maximum and totals
Logging mode	Count and event
Sample intervals	1 second – 24 hours
Batch programming	Program/readback multiple loggers simultaneously

FLOW CHANNEL

Meter index	Records daily meter index values
Combination metering	Option to log two uni-directional meters into one data set
Max. pulse frequency*	1000Hz
* For full list of compatible flow meters, please contact support.primayer@ovarro.com	
Ability to power high energy pulse units	Elster (HRP, DRP, BGP100 & PR7), Sensus (OPTO06, OD07, Actaris & Cyble5)

ANALOGUE CHANNEL

Voltage range	0-1V, 0-5V, 0-10V
Current range	0-10mA, 4-20mA
Accuracy	±0.1%
Resolution	±0.025% (12bit)

INTERNAL PRESSURE TRANSDUCER CHANNEL

Pressure range	0-20Bar
AutoZero function	Yes
Accuracy	±0.1%
Connection	Male quick release

GENERAL

Software	PrimeWorks
Power	Replaceable 3.6V lithium battery
Battery life	Up to 5 years
Dimensions	100x160x44mm
Ingress protection	IP68
PC connection	Rapid local USB communication cable

PART NUMBER

PART NUMBER		NXG-**	NXG-*	NXG-**	NXG-***
Model	PrimeLog+	40			
Variant	1F		1		
	1P		2		
	2		3		
	2i		4		
Pressure Bar range	10Bar (1P / 2i)			10	
	20Bar (1P / 2i)			20	
	Not Applicable (1F / 2)			--	
Flow pin configuration	Standard				--
	French				033

ENVIRONMENTAL

Operating Temperature	0°C to 60°C (internal pressure transducer models)
	-10°C to 60°C (all other XiLog models)
Maximum Humidity	99% Relative Humidity
Dimensions	240x145x145mm
Ingress protection	IP68 (fully submersible to a depth of 1 metre)

REGULATORY COMPLIANCE

RoHS Directive	EN 50581:2012

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