

PrimeLog[®] - XiLog[®] - XiLog.wmr

Meter interfaces tested for use with Primayer data loggers

Technical Note IXD-603-TN Issue 2

Primayer data loggers are able to operate with a wide range of water flowmeters including those from Sensus, Actaris, Elster Meters and others. Details of those tested by *Primayer* for correct operation together with powering details are shown below.

Flowmeter			PrimeLog		XiLog	PrimeLog /XiLog Product Code	XiLog.wmr	
Maker	Pulse Unit	Uni- or Bi- Direct- ional	Logger Powers Pulse Unit	Auxiliary Battery Unit Life (months)	Logger Powers Pulse Unit		Logger Powers Pulse Unit	Product Code
Elster	LRP	Uni	✓		✓	RXG 061	✓	RXG 051
	Dual LRP	Uni	✓		✓	RXG 101	✓	RXG 127
	HRP	Uni	✓		✓	RXG 081		
	PG100	Uni	✓		✓	RXG 121	✓	RXG 111
	BPG20	See Note 3		10	See Note 2	RXG 141		
	PR6	Bi	✓		✓	RXG 128	✓	RXG 126
	PR7	See Note 3		12	See Note 2	RXG 125		
	PSM-T (V100)	Uni	✓		✓	RXG 161		RXG 151
	MSM-T (V210)	Uni	✓		✓	RXG 181	✓	RXG 171
MSM-T (V210) <i>Grey shroud type</i>	Uni	✓		✓	RXG 122	✓	RXG 120	
Sensus	K505R	Uni	✓		✓	RXG 261	✓	RXG 251
	RO2.2	Uni	✓		✓	RXG 221	✓	RXG 211
	Opto 06	Uni		7	See Note 2	RXG 241		
	RD 01	Uni	✓		✓	RXG 204	✓	RXG 203
	OD07 -24V	Bi		> 24	See Note 2	RXG 243		
Actaris	Model S	Uni	✓		✓	RXG 281	✓	RXG 271
	Cyble 2-wire	Uni	✓		✓	RXG 282	✓	RXG 272
	Cyble 5-wire	See Note 3			See Note 2	RXG 302		
ABB	AquaMag Cable	Bi				RXG 321		RXG 671
	MagMaster Cable	Bi				RXG 341		
	AquaMaster Cable	Bi				RXG 321		RXG 671
	AquaMaster - Explorer	Bi				RXG 323		RXG 672
	AquaProbe Cable	Bi				RXG 321		RXG 671
Primayer	PrimeProbe2							
	<i>Compact Cable</i>	Bi				RXG 921		See Note 4
	<i>Remote Cable</i>	Bi				RXG 825		See Note 4

Notes:

- PrimeLog** is fitted with a lithium battery which will power most flow sensors. However, some sensors require higher power which is provided by the Auxiliary Battery Unit (*product code PXG 021*). This is a moulded pack of non-rechargeable alkaline cells which connects to the logger communications port.
- XiLog** is fitted with a lithium battery and will power these sensors requiring higher power - but beware the logger battery life will be substantially reduced.
- PrimeLog/XiLog** will operate with these pulse units in the forward flow direction. Some data loggers will not operate with reverse flow dependent upon logger serial number. Contact Primayer Customer Support for further details.
- XiLog.wmr** use with **PrimeProbe2**; a waterproof connector is fitted to the XiLog.wmr cable and a special XiLog.wmr must be ordered:
XiLog.wmr IP66 version - product WXG 009
XiLog.wmr IP68 version - product WXG 058
- Combination meters produce two pulse output signals. A single **PrimeLog/XiLog** is able to log from a combination meter via the Combination Meter Cable (*product code PXG 011*). The **XiLog.wmr** can log both outputs from a combination meter without the Combination Meter Cable.



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