



Signal Repeater 3 (SR3)

The Signal Repeater 3 series products are a line of low cost, compact, battery-operated signal splitters. They can be supplied with a two wire Cyble Sensor hard wired to the input or a two core cable for non Cyble target equipment.

The 3 electrically isolated outputs are suitable for connection to any equipment meeting the output specification.

- > Data Loggers – For long term recording of the meter consumption.
- > Building Management Systems (BMS) – For instant control and monitoring of the meter consumption.
- > Automatic Meter Reading (AMR) devices – Wireless remote reading of the meter index.
- > Remote display units – to visually read the water usage on difficult to access meters.



Technical Characteristics

Technical Specifications

Pulse Input	Hard wired Cyble 2 wire Sensor
Output	3 isolated, Positive sink to earth outputs
Connection	1 metre 2 core cable, sealed ends
Output Rating	100ma at 30 volts dc max, 1W. Sink output to 0V
Power Source/Life time	Lithium Battery/10 years within** - (non-replaceable)
Suitable for	Itron Pulse RF unit Itron DRT (Digital Remote Totaliser) Other equipment meeting the output
Operating Temperature** and Relative Humidity	Working -10C to +55C - 0 to 95% rh Stored -20C to +55C
Protection	IP68
E.M.C Standards	EN61000-6-2:2005 and EN61000-6-3:2007
CE Mark	This product conforms to Council EMC directive 2004/108/EC

SR3 Standard Configuration Part No SPLT1-3TD09

Cyble sensor with 5 metres of 2 core cable hard wired into the input
Output—Each output has 1 metre of 2 core cable (with sealed ends)

SR3 Option Configuration Part No SPLT1-3TD09-10

Cyble sensor with 5 metres of 2 core cable hard wired into the input
Output—Each output has 10 metres of 2 core cable (with sealed ends)

SR3 Option Configuration Part No SPLT1-3TD09-SW

5 metres of 2 core cable hard wired into the input (sealed end)
Input rating – Low bounce volt free switch input equal to a dry read switch
Output – Each output has 1 metre of 2 core cable (with sealed ends)



About Itron Inc.

Itron Inc. is a leading technology provider to the global energy and water industries. Our company is the world's leading provider of metering, data collection and utility software solutions, with nearly 8,000 utilities worldwide relying on our technology to optimize the delivery and use of energy and water. Our products include electricity, gas and water meters, data collection and communication systems, including automated meter reading (AMR) and advanced metering infrastructure (AMI); meter data management and related software applications; as well as project management, installation, and consulting services. To know more, start here: www.itron.com

For more information, contact your local sales representative or agency.



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