TOR-4N

Future Ready Dual Channel Flow and Single Pressure Data Logger

DUAL CHANNEL FLOW AND SINGLE PRESSURE DATA LOGGER FOR MONITORING, RECORDING AND TRANSMITTING THROUGH NB-IOT, LTE-M OR 2G (SMS/GPRS)

Applications

+ Leak Detection
+ Network Modelling
+ Flow Monitoring
+ Pressure Monitoring

Specifications

Power

2 x Lithium battery (7.2V, 13Ah)
>5 years life under typical usage
External battery (optional)

Memory

16MB Non-volatile
320,000 records
Cyclic or Stop when full

Inputs

Up to 2 x Pulse/Events
1 x Event Input
1 x Swiss Made Internal Pressure Transducer (0.25%/0.1%)

Connectors

2 x Souriau
1 x Standard Quickfit Male Port

Modem

NB-IoT/LTE-M with 2G fallback
Low Power

Communications

SMS/Data to server
Remote firmware upgrades and configuration
Internal antenna
SMA external antenna connection
USB to serial configuration

Alarms

Multiple High/Low
Fastline and human readable SMS
10 Profile alarms

Clock

Auto correction on server connection

Schedules

1 second to 24 hour logging intervals
Configurable transmission schedules

Environmental

IP68 -20°C to 70°C

Weight

750g

Software

TOR Configuration Software
AquaGuard - Online Portal

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Options/Ordering codes

			A		B
	TOR-4N	-	X	-	X
	No Modem NB-IoT/ LTE-M Internal Antenna		L NBE		
	5 Bar 10 Bar 20 Bar				A B C

Examples	
TOR-4N-L-B	No Modem, 3 Digital, 1 Pressure (10 Bar)
TOR-4N-NBE-B	NB-IoT/ LTE-M Modem, Internal Antenna, 3 Digital, 1 Pressure (10 Bar)

Accessories

Part Number	Description
ACC-COMM-003	USB Communication Cable
ACCCAB-006	4 Pin Souriau Flying Input Lead – 1.5m
BATT-LD6	114Ah External Battery Pack
ACC-PRT-036	Wall Mounting Bracket
ACC-PRT-045	Meter Pit Hanging Bracket
ACC-ANT-009	External Antenna 0.5m cable
ACC-PRT-012	External Antenna Mounting Bracket
ACC-PRES-000	Curly/ Flexible Pressure Hose – 1.5m
ACC-PRES-003	1/8" Male BSP to Female Quick-fit Adapter

Dimensions (mm)

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