

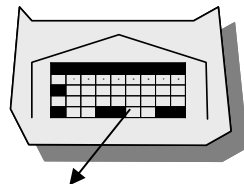
evoQ₄ REMOTE DISPLAY UNIT FITTING AND PULSE OPTION GUIDE

■ evoQ₄ Remote Package Parts

- Remote Display Unit

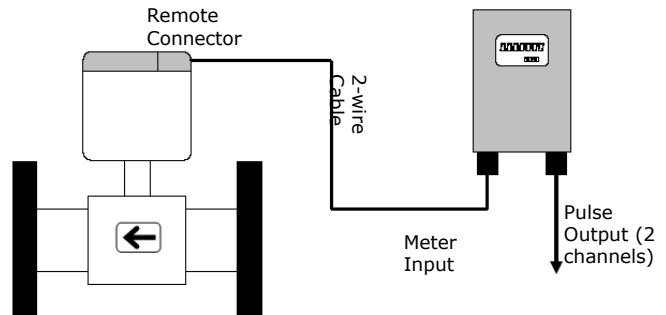


- Remote Connector Unit



To access the wiring connections, remove the front cover by sliding up and off. Wiring details are shown on the back of the front cover (see right).

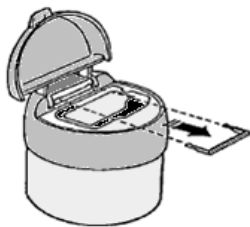
■ evoQ₄ Remote Display Schematic



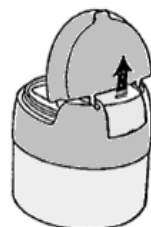
■ evoQ₄ Remote Display Specifications

- Operating temperature -4°F to +140°F
- Pulse Output Signal Open Drain
- Maximum load current 20mA
- Maximum load voltage 30V DC
- Max distance between meter and remote: 100ft
- Maximum pulse transmitting distance: 650ft
- Battery Powered, 10 years
- Waterproof structure IP63

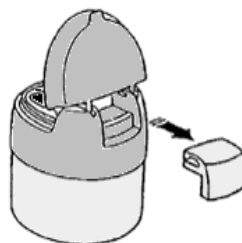
■ Remote Connector Fitting Instructions



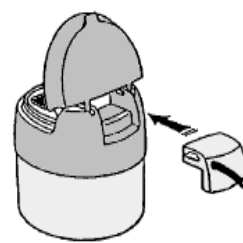
1. Lift the lid. Using a small screwdriver blade, carefully remove the pulser clip.



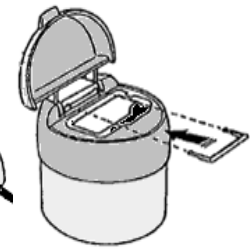
2. Remove the blank cover by lifting it up...



3. ...and then slide out



4. Fit the remote connector unit in the opposite manner to the cover removal.*



5. Replace the securing clip (lugs uppermost).

*** WARNING:** Take care not to dislodge the rubber gasket on the underside of the unit when fitting / removing

■ Pulse Option Specifications

Wiring & Connection Details								
Number	1	2	3	4	5	6	7	8
Colour of wire	White	Black						
Mark	+	-	+	-(Common)	+			
Description	Meter Input	Pulse Output 1	Pulse Output 2	NC				

- Locate the Part Number on the back of the display
- Example: SR-4UPBU022N-8502

	Pulse Value		
	M	F	G
2	10L	1CuFt	10USG
3	100L	10CuFt	100USG
4	1000L	100CuFt	1000USG
5	10000L	1000CuFt	10000USG

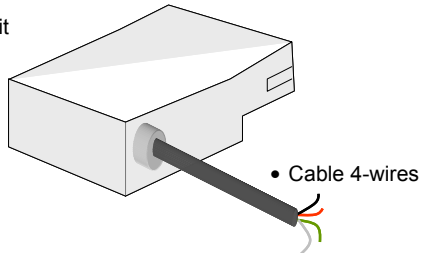
■ Wiring your AMR Device

AMR Device	Pulse Output Channel 2		
	#5	#6	
60WP	White	Red	Black
60WP Connector	Bare	Black	Red
evoRTM Digital	Black	Brown	Blue

evoQ₄ PULSER UNIT FITTING AND PULSE OPTION GUIDE

■ evoQ₄ Pulsar Package Parts

• Pulsar Unit

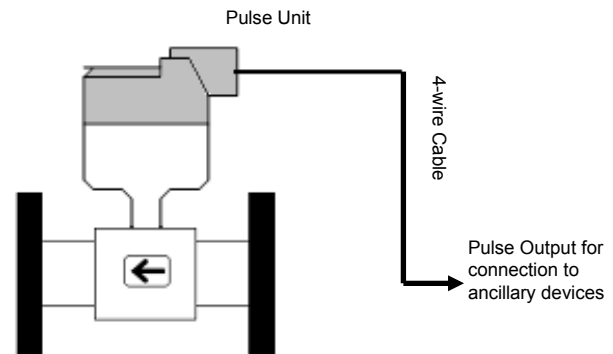


• Cable 4-wires

■ evoQ₄ Pulse Unit Specifications

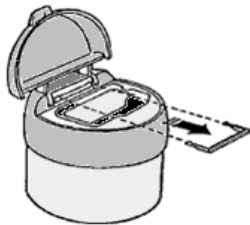
- Operating temperature -10°C to +55°C
- Pulse Output Signal Open Drain
- Maximum load current 20mA
- Maximum load voltage 30V DC
- Maximum pulse transmitting distance 200m
- Battery Powered, 10 years
- Waterproof structure IP68

■ evoQ₄ Pulse Version Schematic

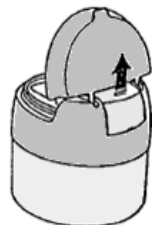


- Standard cable length supplied is 10 metres.
- 30m cable is optional (contact Elster for details).

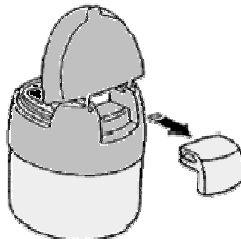
■ Pulsar Unit Fitting Instructions



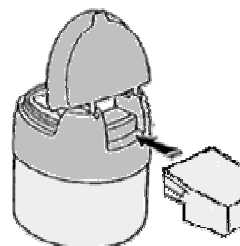
1. Lift the lid. Using a small screwdriver blade, carefully remove the pulser clip.



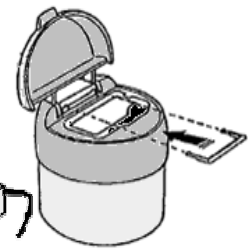
2. Remove the blank cover by lifting it up...



3. ...and then slide out.



4. Fit the pulser unit in the opposite manner to the cover removal.*



5. Replace the securing clip (lugs uppermost).

*** WARNING:** Take care not to dislodge the rubber gasket on the underside of the unit when fitting / removing

■ Pulse Option Specifications

MX39-3 Wire Outputs	Red	White	Green	Black
	Channel 1	Channel 2	Common	Tamper

Version	Programming Required**	Flow	Cable Length	Ch1		Ch2	
				Cuft	USG	Cuft	USG
Standard	No	Forward Net on Ch1 and Ch2	10	1	10	10	100
Standard	No	Forward Net on Ch1 and Ch2	30	1	10	10	100
Optional	Yes	Forward Net on Ch1 and Ch2	10	0.1	1	10	100
Optional	Yes	Forward Net on Ch1 and Ch3	30	0.1	1	10	100
Optional	Yes	(Ch1) Forward Net, (Ch2) Reverse Net	10	0.1	1	0.1	1
Optional	Yes	(Ch1) Forward Net, (Ch2) Reverse Net	30	0.1	1	0.1	1
Optional	Yes	(Ch1) Forward + Reverse, (Ch2) Direction Flag	10	0.1	1	D Flag*	
Optional	Yes	(Ch1) Forward + Reverse, (Ch2) Direction Flag	30	0.1	1	D Flag*	

* Flag that shows the Direction of Flow

** Must be done before being shipped

	Pulse Weight		evoRTM			60WP No Connector			60WP In-Line Connector		
	Cuft	USG	Blue	Black	Brown	Red	Black	White	Red	Black	Bare
MX39-3	10	100	White	Green	Black	Green	White	Black	White	Black	Green