Fuel flow sensor

Displays

Options

- **Display F1**

   The [Display F1] is intended for use with [Direct PH] and [Delta PN]. It can also be used as a remote/additional display for [Direct PN I] and [Delta PN I]

   To work the [Display F1] will need the T-Cable to connect to the meter and power source. 3-Core Cable is readily available in 3 or 7 metre extensions.

- **Display RS**

   The [Display RS] is intended for use with [Direct RS] and [Delta RS]. It can also be used as a remote/additional display for [Direct RS I] and [Delta RS I]

   To work the [Display RS] will need the T-Cable to connect to the meter and power source. 7-Core Cable is readily available in 3 or 7 metre extensions.

- **Display CAN**

   The [Display CAN] is intended for use with [Direct CAN] and [Delta CAN]. It can also be used as a remote/additional display for [Direct CAN I] and [Delta CAN I]

   To work the [Display CAN] will need the T-Cable to connect to the meter and power source. 7-Core Cable is readily available in 3 or 7 metre extensions.

Bell Flow Systems Ltd
Unit 7 Swan Business Centre, Osier Way, Buckingham, Bucks, MK18 1TB
sales@bellflowsystems.co.uk   +44(0)1280 817304

BELL
Flow Systems

Fuel flow sensor

Display RS / CAN

Application

Display RS / Display CAN is intended for registration and display of data on fuel consumption, fuel level in tanks or the value of the axle load. The type of information depends on the connected external sensor. Display RS / Display CAN can receive the data in analog or frequency form , as well as digital interfaces RS- 485 / CAN SAE J1939, K-line.

Setting of Display RS / Display CAN
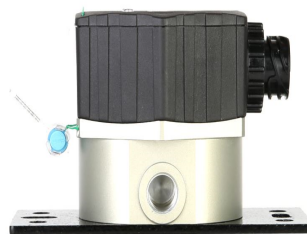 is achieved through software.

Technical Data

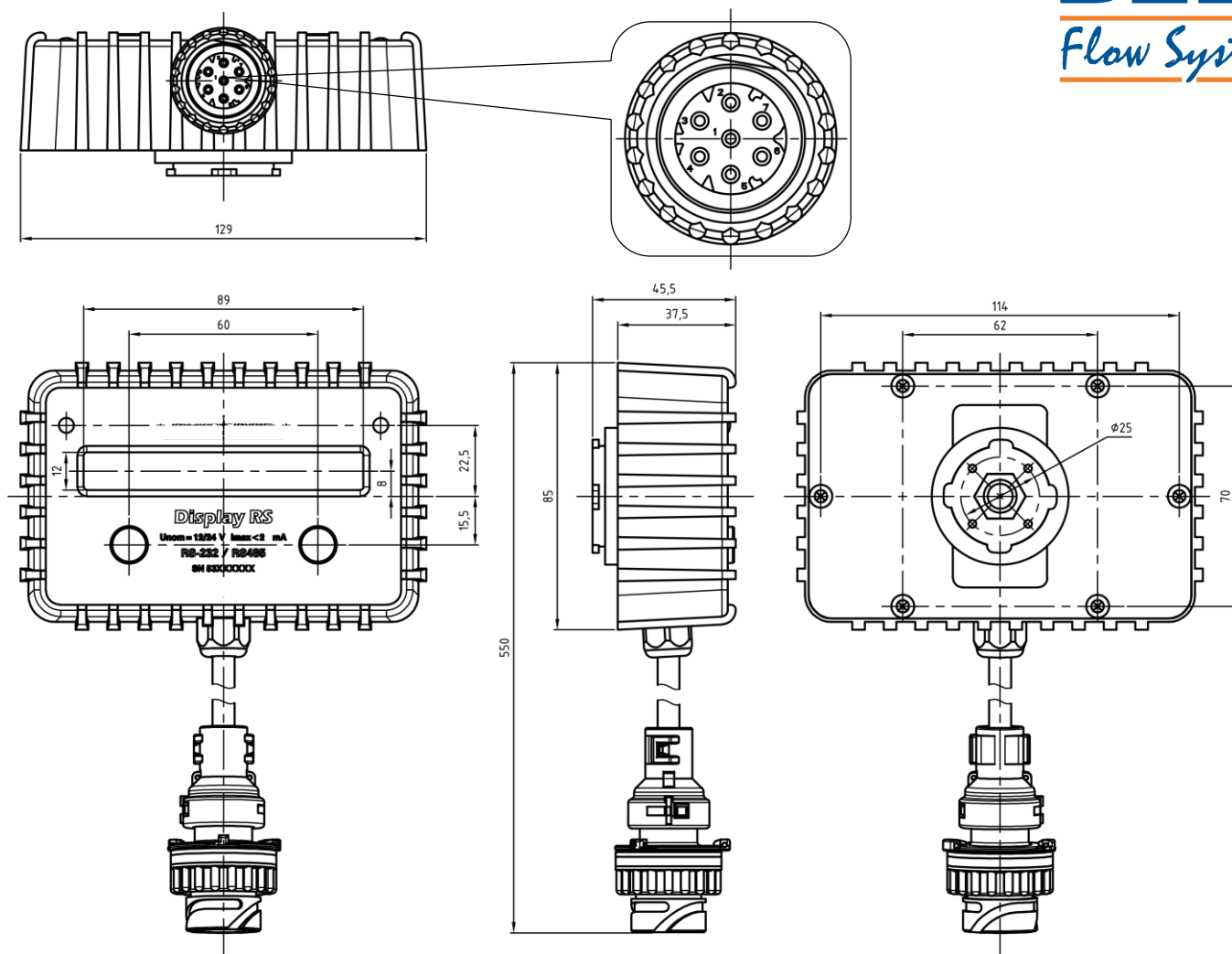|	
Supply voltage, V	= 10-50
Max current consumption, mA, for Unom = 12/24 V	= 50/25
Pulse interferences protection, V	= 170
Input impedance of measuring input, no less, kΩ,	= 50
The range of measured level and flow registration	= Tuneable
Ambient operating temperature, °C	= -20 to 85
Impulse value, ml/pulse	= Tuneable
Ingress Protection Rating	= IP 54

Recommendations

During the installation of Displays (F1, RS or CAN) you need to follow the rules of your company's safety standards. Before applying the Display, it's mode of operation must be configured using Destination. (Ask us for more information)

Displays can work at the same time as vehicle monitoring terminals. It is recommended to install the display in sight of the operator. Use special mounting kit for installation (available on request). Selection of an input interface and setting of additional display operating parameters are realized by the service software.
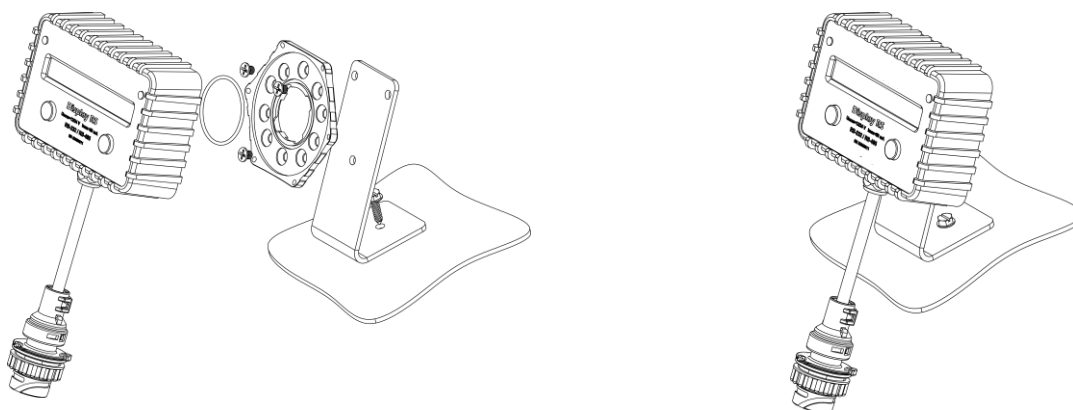
Use Cable to connect to vehicle monitoring terminals. Operation recommendations are given in the User manual. If you weld on the equipment, you need to disconnect the display from the power supply and disconnect the plug.
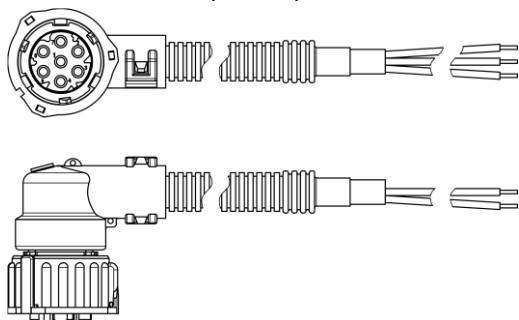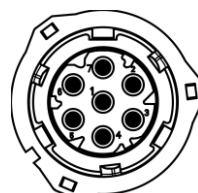
1. Dimensions

129

89
60
12
8
22,5
15,5

Display RS
Unom = 12/24 V Imax <2 mA
RS-232 / RS485
SN 63XXXXXX

45,5
37,5
85
550

114
62
Ø25
70

2. Display RS (example of installation)

3. Protected Cable (socket)

5   Interface

1 – VBAT   red
2 – GND   brown
3 – K-line/OUT   blue
4 – CAN (Rx)   black
5 – CAN (TX)   white
6 – RS-485 (A)   yellow
7 – RS-485 (B)   green