

2456-LEM communication with COMPASS for Pressure (or Flow) software (Autodetect)

2456-LEM manual states to use PN 8-826 cable. This is a straight through cable with DB9 female ends. Fluke PN is 3872695. LEM manual incorrectly states that this has M/F ends (not F/F that it actually has).

Set switch on back of LEM to RS232 setting.

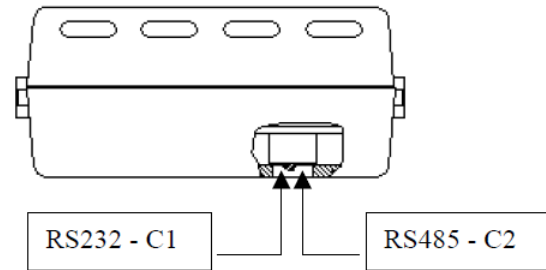


Figure 1-2
LEM Communication Switch

Connect LEM directly to RS232 connection on computer. Connect power adapter included with LEM to power and to LEM. Green light on LEM will come on.

Autodetect setup in COMPASS for Pressure

Note: COMPASS for Pressure (or Flow) version 4.0 and higher supports "Autodetect" for 2456 LEM. It reads through 2456ser_cp.dll that is modified from 2456ser.dll used in WinPrompt.

The screenshot shows the 'Support Device Editor' window with the 'Header' tab selected. The 'Record Label' is 'LEM 2456'. The 'Support Device Type' is 'Simple Device', 'Record Type' is 'Individual', and 'Manufacturer' is 'Ruska'. The 'Model' is 'LEM 2456' and the 'Autodetect setup' checkbox is checked. The 'Serial Number' is '57642'. There are empty fields for 'Identification' and 'Customer ID'. A checkbox at the bottom indicates 'This device can be used as a DUT.' is unchecked. A 'Close' button is at the bottom center.

Record Label	LEM 2456
Support Device Type	Simple Device
Record Type	Individual
Manufacturer	Ruska
Model	LEM 2456
Serial Number	57642
Identification	
Customer ID	
Autodetect setup	<input checked="" type="checkbox"/>
This device can be used as a DUT.	<input type="checkbox"/>

The screenshot shows the 'Support Device Editor' window with the 'Communications' tab selected. The 'Record Label' is 'LEM 2456'. The 'Interface' section is checked. The 'Data Acquisition Type' is 'RS232', 'RS232 Port' is 'COM1', 'RS232 Settings' is '9600,N,8,1', and 'Handshaking' is 'None'. The 'Binary Command Set' checkbox is unchecked. The 'Command Timeout(s)' is '8', 'Command Terminator' is '<CR><LF>', and 'Response Terminator' is '<CR><LF>'. A 'Close' button is at the bottom center.

Interface	<input checked="" type="checkbox"/>
Data Acquisition Type	RS232
RS232 Port	COM1
RS232 Settings	9600,N,8,1
Handshaking	None
Binary Command Set	<input type="checkbox"/>
Command Timeout(s)	8
Command Terminator	<CR><LF>
Response Terminator	<CR><LF>