

NOTE

When to run this test

If you have a feeling the meter is not charging the distance you are actually covering — fares coming in light on a run you know well, or the distance reading looking short at the end of a job — this is the first thing to check. The sensor test tells you in under a minute whether the speed signal from the car is reaching the meter at all. It is worth running before you ring anyone, and worth running the week before your Legal Metrology appointment with Applus.

Button layout

The meter has four buttons. On the RS-01 they run 1, 2, 3, 4 from left to right, Button 1 on the far left and Button 4 on the far right. On the S-01 they run top to bottom, Button 1 at the top and Button 4 at the bottom. On both models, Buttons 1 and 2 move back and forth through the menu, Button 3 is enter, and Button 4 is back.

Where the test lives

"TESTS" is a menu in its own right — it sits alongside "SETTINGS" on the main menu, not inside it. From "FOR HIRE" press Button 3, then step along with Button 1 or Button 2 until "TESTS" appears.

What this test actually does

The sensor test counts the electrical pulses arriving from the vehicle's speed signal. It does not show speed and it does not show a fare — it is a raw pulse count, and the only thing that matters is whether the number climbs when the car moves.

Do it safely

The number has to be read while the car is rolling. Do it in a yard, an empty car park or with a second person driving. Never sit reading the meter while driving in traffic.

STEPS

1	From "FOR HIRE", press Button 3 to open the menu.	
2	Press Button 1 or Button 2 until "TESTS" appears.	TESTS
3	Press Button 3 to enter the tests sub-menus.	
4	Press Button 1 or Button 2 until "SENSOR TEST" appears.	SENSOR TEST
5	Press Button 3 to start the test.	count shows 0
6	Move the car forward slowly. The pulse count climbs as the wheels turn.	count rising
7	Press Button 2 to pause the test and hold the reading.	paused
8	Press Button 3 to restart the test.	
9	Press Button 4 to come back out to "FOR HIRE".	

HOW TO READ IT

WHAT YOU SEE	WHAT IT MEANS
Count rising steadily	The speed signal is reaching the meter correctly. The sensor and its wiring are healthy.
Count stays at 0	No pulses are arriving. That is a sensor or wiring fault — the meter cannot charge distance and must not be worked until it is repaired.
Count jumps erratically	An intermittent connection or interference. Have it checked before verification.
Count rises with the car stopped	Electrical noise on the signal line. Call us.

- * If the count stays at zero
- Do not attempt to re-programme or re-calibrate the meter yourself — under Irish law any change to a taximeter's programming requires re-verification by the Legal Metrology Service. Ring Pulsar Europe on +353 87 283 5120 and we will put you onto an installer near you. We have installers nationwide.