

Application Note

#5

Good to Go



Sometimes it's the simplest thing that makes your day. In spite of what the manual says, for decades it has taken two people to setup a fiber optic tachometer. It took one to adjust the position of the tach sensor and it took another in the control room to confirm that the signal was there.

Not anymore. One little aspect of the CV435 makes everyone's day in the test cell go a little better. That aspect is the green "Signal" light.

The days of shouting from the tachometer conditioner box to the operator in the control room, "Can you 'see' the signal?" And then waiting for the reply that was always slow in coming because that person didn't know what he was looking for is over. No more precarious moments at the top of the ladder. Just put the sensor in, adjust the sensitivity, and away you go – because **you** are going to know right away if you have a good signal or not.

The Signal light on the CV435 will light up whenever it "sees" a reflection of light coming from the sensor. And, the signal to light the light is on the correct side of the sensitivity adjustment so the Signal light will confirm both adjustments.



It is still going to be a two step process, but at least you have a way of confirming locally if what you are doing is working. You will still have to position the reflective surface (tape), size the reflective surface appropriately, and you will still have to adjust the sensitivity adjustment for a good solid signal. But, with the new Signal light at least you don't have to yell to your partner or make the steps yourself.

This one little aspect of the CV435 is going to reap immediate ROI in test setup time. So why wait – the CV435 is available now and soon you can be getting the "green" light – good to go.

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