

APPLICATION NOTE

Active inductive RPM sensor - Westach

AN-15 for TL-2824, TL-3724, TL-6624, TL-6724

General Information

Westach Active Inductive RPM Sensors are reliable electronic sensors, which enable sensing the movement of the rotating parts of the engine. Described sensors are used for RPM detection on Bendix and Slick magneto or from mechanical drive for the engine.

⚠️ NOTE: The sensor power supply is 5VDC. Do NOT connect the sensor directly to 12VDC. Therefore please use voltage divider to reduce power supply voltage for the sensor.

RPM Sensors Connection

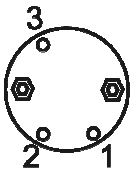


Fig.1: Connector for sensor 303DH2T



Fig.2: Sensor 720-14R and 720-14RB

TL-2824 RPM&ENGINE HOURS METER				
Input	Input Name	Sensor w/colour for 720-14R and 720-14RB	Pin no. for sensor 303DH2T	I/O
--	Power +5Volts for sensor*	Red	1	--
18	Output from sensor	Green	3	In
14	Ground for sensor	Black	2	--

*Please use voltage divider to reduce voltage to +5VDC.

TL-3724 COMBINED INSTRUMENT				
Input	Input Name	Sensor w/colour for 720-14R and 720-14RB	Pin no. for sensor 303DH2T	I/O
--	Power +5Volts for sensor*	Red	1	--
16	Output from sensor	Green	3	In
20	Ground for sensor	Black	2	--

*Please use voltage divider to reduce voltage to +5VDC.

EFIS & EMS TL-6624 and EMS TL-6724					
Input (P02 connector)	Input (P03 connector)	Input Name	Sensor w/colour for 720-14R and 720-14RB	Pin no. for sensor 303DH2T	I/O
--	10	Power +5Volts for sensor	Red	1	--
6	--	Output from sensor	Green	3	In
20	--	Ground for sensor	Black	2	--

Applicable for: 2824-03, 2824-04, 2824-05, 3724-10, 3724-11, 3724-12, 6624-12, 6624-13, 6624-14, 6724-10, 6724-11, 6724-12

Technical information:

Type of Sensor: 303DH2T, 720-14R and 720-14RB (Westach, USA)

Rev. B

Information furnished by TL electronic is believed to be accurate and reliable.

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