

# APPLICATION NOTE

## RPM inputs connection

AN-08 for TL-2824, TL-3724, TL-6724

### General Information

The table below describes connection of TL electronic instruments to the most used aircraft engines. In case you haven't found your type of engine in the table and you need information how to connect our instruments to your engine, do not hesitate to contact us on our email address support@tl-elektronic.com

**⚠ NOTE: While connecting the instrument to the sensor or RPM output, it is necessary to ensure that the cables leading from the sensors are placed at least 10 cm from the ignition lead, or other cables such as e.g. quenching cables from the magnetos.**

### RPM Inputs Connection Plan

RPM Inputs Connection											
Engine	TL-2824 P2801		Recommended sensor	TL-3724 P3701		Recommended sensor	TL-6724 P6702		Recommended sensor	RPM signal on the engine	Pulse per revolution
	1st input	2nd input		1st input	2nd input		1st input	2nd input			
Rotax 447	1	--	Not required	15	--	Not required	7	--	Not required	Grey wire from the engine	6
Rotax 503	1	--	Not required	15	--	Not required	7	--	Not required	Grey wire from the engine	6
Rotax 582	1	--	Not required	15	--	Not required	7	--	Not required	Grey wire from the engine	6
Rotax 618	1	--	Not required	15	--	Not required	7	--	Not required	Grey wire from engine	6
Rotax 912 (S)	5	6	Not required	19	20	Not required	19	20	Not required	White and blue wire from the RPM sensor	1
Rotax 914	5	6	Not required	19	20	Not required	19	20	Not required	White and blue wire from the RPM sensor	1
Jabiru 2200	2	--	2824-02	16	--	3724-09	6	--	6724-09	Read AN-06	2
Jabiru 3300	2	--	2824-02	16	--	3724-09	6	--	6724-09	Read AN-06	2
HKS engine	2	--	Not required	16	--	Not required	6	--	Not required	Orange wire from CDI unit	1
MTH engine	2	--	Not required	16	--	Not required	6	--	Not required	Green wire from Ignition sensor	2
Werner engine	2	--	Not required	16	--	Not required	6	--	Not required	Yellow wire from Ignition sensor	2
UL Power engine	2	--	Not required	16	--	Not required	6	--	Not required	ECU connector, pin No.9	2
Lycoming	2	--	2824-03, 2824-04, 2824-05	16	--	3724-10, 3724-11, 3724-12	6	--	6724-10, 3724-11, 6724-12	Read Westach datasheet	N/A
Continental	2	--	2824-03, 2824-04, 2824-05	16	--	Not required	6	--	2824-03, 2824-04, 2824-05	Read Westach datasheet	N/A
Franklin Engines	2	--	2824-03, 2824-04, 2824-05	16	--	Not required	6	--	2824-03, 2824-04, 2824-05	Read Westach datasheet	N/A

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



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