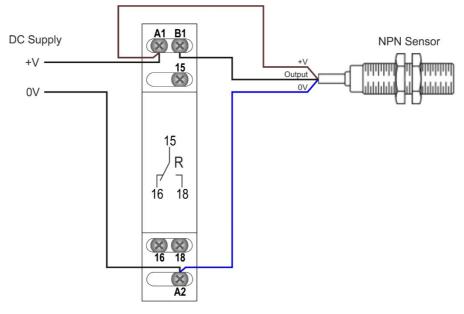


SUPPLEMENTARY PRODUCT INFORMATION

Subject	Connecting an NPN Sensor
Product(s)	LMMT
Document Date	24 th September 2021
Version	1.0

This is information is provided in addition to any existing literature that exists for the above product(s) and should be read in conjunction with the original product data sheet.

The diagram below shows a typical wiring example where the NPN sensor is connected to an LMMT Multifunction timer. Standard 3-wire NPN sensors have a voltage rating usually between 10...30V DC. The LMMT can be powered from 12V DC upwards therefore the arrangement below can be used in either 12V or 24V DC applications.



P48SRR & P48SMP Replacement

The above example can be used as an alternative the P48SRR and P48SMP Relays. It must be noted that the LMMT itself is unable to provide a DC supply to power the sensor. The sensor is therefore powered by the same supply to the timer.

Setting the LMMT should be as follows:

Product	LMMT Function Setting	LMMT Relay operation
P48SRR	Switch initiated Delay Off (DN)	Energised whilst receiving pulses
P48SMP	Switch initiated Delay On (DOb)	De-energised whilst receiving pulses



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TSI_LMMT_NPN SENSOR WIRING_V1-0

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