

# 2 Syringe Drive Trigger Cable

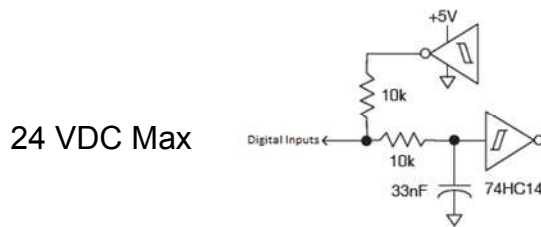
## Notes:

Pin 1 – Black is also connected to the cable shield and connector housing

Pin 5 – Has no conductor connected.

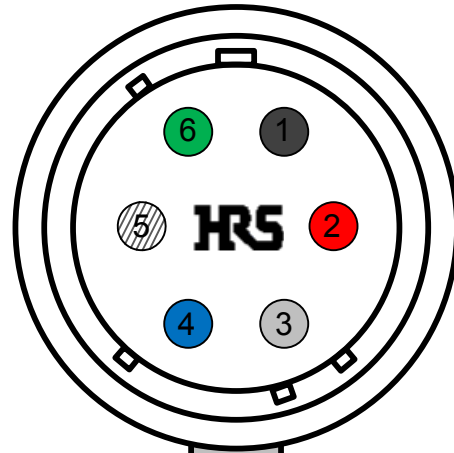
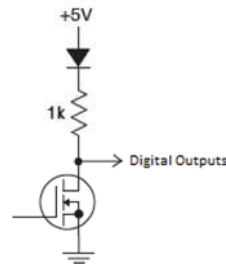
Both inputs and outputs operate at 0-5 VDC standard TTL levels, but the inputs can be up to 24 VDC.

## Inputs:



## Outputs:

The digital outputs are open-drain MOSFETs with 1 k $\Omega$  pull-up resistors in series with a diode to +5 Vdc. They can sink up to 250 mAdc from external loads operating from power supplies to +30 Vdc. When driving inductive loads such as a relay, an external fly-back diode is required.



1 – Black – Signal Ground

2 – Red – High Trigger Input

3 – White – Low Trigger Input

4 – Blue – Low to High Trigger Output

5 – NC – No Conductor

6 – Green – High to Low Trigger Output

