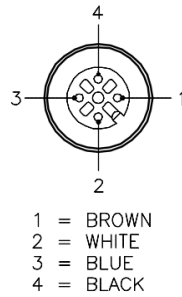


For some applications a digital output can be provided based on the application. Two opto-isolated outputs are available from the SCU5 controller. These outputs are available on a 4-pin M12 female pin connector. A standard M12 4-pin A coded [male connector](#) or a [pre-wired M12 cable](#) can be used for the connection. The pin functions for the connector are shown in the table below.

FEMALE END VIEW

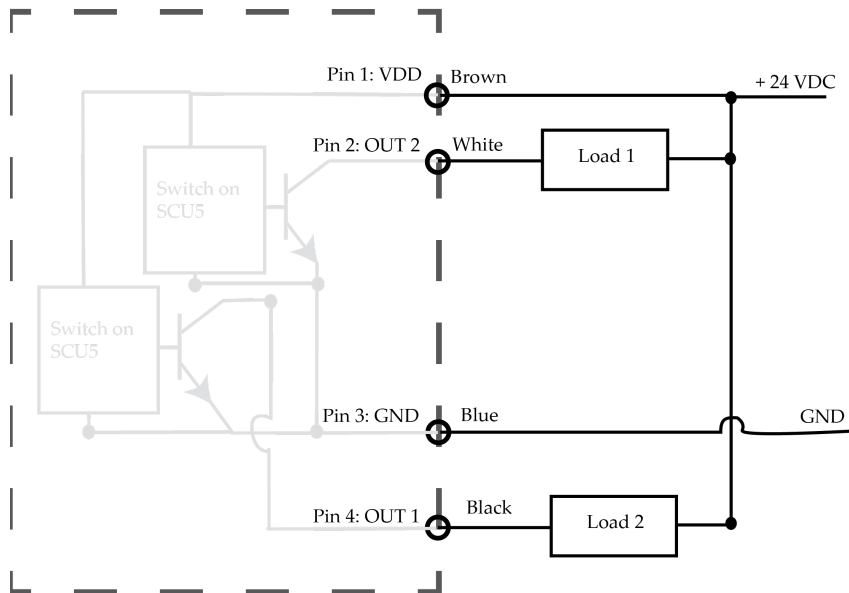


Pin Assignment:

Pin	Function	Pin	Function	Pin	Function	Pin	Function
1-BR/RD	VDD	2-WH	OUT2	3-BL/GN	GND	4-BK	OUT1

The outputs can be used as NPN normally closed output by providing a VDD (5 - 24 VDC) and GND from a PLC and the signal through the two outputs OUT1 and OUT2. A typical circuit for the output is shown below:

NPN Normally Closed Output



When the respective output signal is enabled then that signal would go low. And normally the signal would be high if wired as shown in the schematic on the left.

Note that the outputs are normally closed. If wiring a relay, wire to the NC side of the circuit so that the appropriate output from the relay is provided to the device.

Connecting the output to PLC with PNP inputs can be done using a relay as shown below:

NPN Normally Closed Output with Relay

