



Microflex Labs 104 Turn Signal Switch Owner's Manual

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Microflex Labs 104 Turn Signal Switch



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Description

The model 104 turn signal switch provides left and right turn signal momentary switches for 2-inch diameter steering column mounting. Adapters are available for use with other common diameters.

The switch uses digital hall-effect sensors to detect the presence of a magnet. A magnet, mounted to the lever is moved for right or left switching. When the magnet is moved close to one of the sensors battery voltage is produced on the output. When the lever is released, it springs back to the center position and the output returns to 0 volts. There are no mechanical switch contacts to wear or corrode. Electronics are fully sealed in epoxy providing a tough weather-proof turn signal switch that can be used in wet locations, including high pressure spray washing, and has an IP68 rating.

Model 104 outputs cannot provide enough power to drive lights directly. The model 104 switch must be used with a lights controller.

The lever knob is removable to allow for a custom knob to match your vehicle design.

Features

- Sealed hall-effect digital switches

- Suitable for wet locations
- Can be installed without removing the steering wheel
- Billet aluminum enclosure
- Stainless-steel hardware
- Removable lever knob allows for customization
- Wide operating voltage range – can be used on 6V, 12V, and 24V systems

Specifications

Supply Power (Battery)

Minimum 5 Volts
 Max 30 Volts
 Operating Current3mA (max)

Harness

Red WireBattery (+), 22-Gauge
 Black WireGround, 22-Gauge
 Yellow Wire Left Turn – Lever Down, 22-Gauge
 White WireRight Turn – Lever Up, 22 Gauge
 Cable Black PVC .20 [5mm] Diameter
 Length36” [900mm]

Switches

Drive Current, Each Switch20mA (max)
 Open0.5V (max at 1K load)
 Closed Supply – 0.5 V (min)

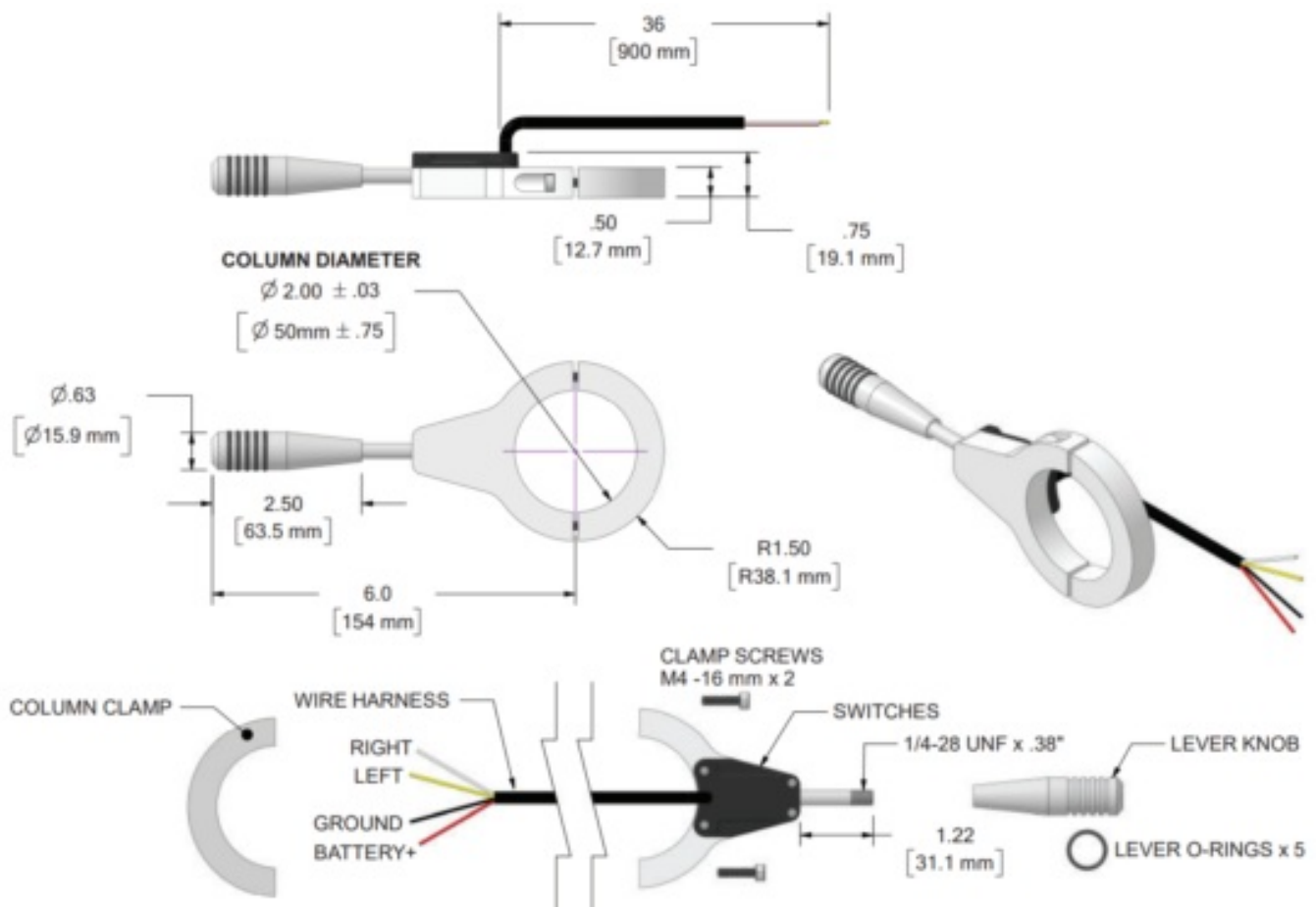
Materials

Enclosure, Lever, and Knob6061-T6 Aluminum
 Screws Stainless Steel
 Electronics enclosureASA plastic

Environmental

Operating Temp -22°F to 122°F [-30°C to 50°C] Storage Temp -40°F to 158°F [-40°C to 70°C] Seal
Epoxy Potting

Weight 6oz [175g] IP Rating
68



QR Code



Disposal






Microflex Labs 35900 Royal Road Pattison, Texas 77423 USA

RideLightSolution.com

Microflex Labs

Documents / Resources

	<p>Microflex Labs 104 Turn Signal Switch [pdf] Owner's Manual 104 Turn Signal Switch, 104, Turn Signal Switch, Signal Switch, Switch</p>
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References

- [Microflex Labs Ride Light Solution](#)
- [User Manual](#)

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