# **Mechanical spool position switches**



- wide output current range (10 mA to 5A);
- heavy duty construction, corrosion resistant;
- long mechanical life (10<sup>6</sup> cycles).

Precision ball switch for spool direction and neutral position detection, with NO and NC circuits in single and redundant configuration.

This switch is available on wide ranges of valves.

Working conditions		8MG
Voltage rating		from 5 to 24 VDC
Current rating		from 10 mA to 5A
Electrical life		5x10 <sup>5</sup>
Mechanical life		106
Connector type	integrated	Packard Weather-Pack
	with flying leads	Packard Weather-Pack Deutsch DT series - AMP Superseal
Weather protection		IP67
Working temperature		from -40°C to 120°C (from -40°F to 248°F)

# **Spool position sensors**

# Mechanical spool position switches

# 8MG type



**IMPORTANT**: It is suggested to order the sensors through the controls assembled on the monoblock and sectional valves.

These controls, in different configurations, are available on the full range of Walvoil directional valves.

### **Output signal** (%) -0.075 -0.050 -0.025 0.025 0.050 0.075 (in) 100 80 tolerance tolerance Battery voltage operation 40 -2 -1.5 -1 -0.5 0 0.5 1.5 Spool stroke

# Sensor with integrated connector

# Weather-Pack Packard connector 9/16-18 UNF SAE6

# Sensor with connector and flying leads





