UNIONWELL G303R technical reference

G303R resistor-feedback configuration

Open engineering reference | Presentation date 29 October 2026. A controlled drawing revision and model-specific product approval must be confirmed for production release.

Published reference values describe the stated series or example configuration. Confirm the complete part number, load, actuator drawing and current approval scope before design release.

An inconsistent insulation-resistance unit in a source entry is excluded. Use the current controlled datasheet for that value.

Parameter	Published value and configuration scope
Published electrical example	10 mA at 12 VDC - Confirm the sensing circuit and resistor code; this is not a load-switching rating.
Operating force at pin plunger	130 gf / 200 gf options - Actuator geometry changes the force at the mechanism. Alternate units: 1.275 N / 0.2866 lbf / 1.961 N / 0.4409 lbf options
Circuit options	SPST-NO / SPST-NC - Confirm the required released and actuated states.
Protection reference	IEC IP67 - Confirm wire exit, bracket, and assembly sealing.
Operating temperature reference	-40 to +85 °C - Validate the complete mechanism and harness at temperature. Alternate units: -40 to 185 °F
Model Number	G303R
Terminal Type	Lead Wires/Bracket
Lever Type	No Lever/Others
Contact Resistance / at FP	150Ω/1000Ω Could be customized
Contact Resistance / at OP	480Ω/1000Ω/2000Ω Could be customized
Rating and Electrical Service Life	10mA 12VDC μ40T85 1E5

Source references on this website

https://unionwell-microswitch.com/library-item/28ad3e281a0b408c/

For quotation: identify the complete part number, actuator/terminal, electrical load, requested quantity, annual forecast and target timing. Availability, quantity breaks and lead time are reviewed for that configuration.