UNIVERSAL ROBOTS
A Teradyne Robotics Company

SP7 Smart Panel

Generation 7 · g-Series 01

Technical datasheet

Updated October 2026

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SP7 Smart Panel

General specification	
Interface	Optional accessory. Mates with SP7 Smart Panel interface on g-Series tool flange.
Connector type	Pogo-pin. Spring on tool, capture pads on keypad.
Buttons	3x programmable buttons and 1x safety-rated Freedrive / hand-guided control (2PE)
Indicators	2x LED, neutral white
Power supply voltage	5 Vdc
Freedrive	ISO 10218-1:2025
Features	Detachable panel, Smart Skills mapping, Freedrive at the end of the arm
Mating cycles	1000
Environment	
Operating temperature	0-50 °C
Humidity	≤ 90% RH (non-condensing)
Pollution degree	2
Protection	
IP classification	IP65
Physical	
Weight	30 g

Compatibility

Robot arm	g-Series

Contact

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