

Sensor SKDA-100-AB-G2

Part number: 8161505

FESTO



Data sheet

Feature	Value
Force measurement range	0 kN...100 kN
Calibration range	-8 kN...108 kN
Maximum load	150 kN
Operational voltage range DC	10 V...30 V
Analogue output	4 - 20 mA
Accuracy analogue output in \pm %FS	0.2 %FS
Material housing	Wrought aluminium alloy High-alloy stainless steel
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Suitability for the production of Li-ion batteries	Metals with more than 1% by mass of copper are excluded from use. Exceptions are printed circuit boards, cables, electrical plug connectors and coils Metals with more than 1% of copper as an alloy component are excluded from use. Exceptions are printed circuit boards, cables, electrical connectors and coils Metals with more than 5% by mass of copper are excluded from use. Exceptions are printed circuit boards, cables, electrical plug connectors and coils Metals with more than 5% of copper as an alloy component are excluded from use. Exceptions are printed circuit boards, cables, electrical connectors and coils Metals with more than 5% by mass of copper, zinc or nickel are excluded from use Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Product weight	2.5 kg
Ambient temperature	-20 °C...80 °C
Degree of protection	IP67
Electrical connection	5-pin A-coded Socket M12x1
Corrosion resistance class CRC	0 - No corrosion stress
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions