

# Sensor SKDA-0.8-AB-G2

Part number: 8176314

**FESTO**



## Data sheet

| Feature  | Value  |
|--|--|
| Force measuring range                              | 0 kN...0.8 kN  |
| Calibration range                                  | -0.2 kN...1 kN   |
| Limit load   | 1.5 kN   |
| DC operating voltage range                         | 10 V...30 V  |
| Analog output                                      | 4 - 20 mA  |
| Precision analog output in $\pm$ %FS               | 0.2 %FS  |
| Housing material                                   | Wrought aluminum alloy<br>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 5% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils. |
| Product weight                                     | 0.2 kg   |
| Ambient temperature                                | -20 °C...80 °C   |
| Degree of protection                               | IP67   |
| Electrical connection                              | 5-pin<br>A-coded<br>Socket<br>M12x1  |
| Corrosion resistance class (CRC)                   | 0 - No corrosion stress  |
| CE marking (see declaration of conformity)         | As per EU EMC directive<br>As per EU RoHS directive  |
| UKCA marking (see declaration of conformity)       | To UK instructions for EMC<br>To UK RoHS instructions  |