

**Sensor**  
**SKDA-30-AB-G2**  
 Part number: 8161503

**FESTO**



**Data sheet**

| Feature                                            | Value                                                              |
|----------------------------------------------------|--------------------------------------------------------------------|
| Force measuring range                              | 0 kN...30 kN                                                       |
| Calibration range                                  | -2.5 kN...32.5 kN                                                  |
| Limit load                                         | 45 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 | Suitable for battery production with reduced Cu/Zn/Ni values (F1a) |
| Product weight                                     | 0.9 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              |