



## **Straight stroke driver-DGC- K-50-1000-PPV-A-GK**

URL:<https://www.sxplc.com/straight-stroke-driver-dgc-k-50-1000-ppv-a-gk>

### **Product data sheet**

- **Stroke** 1 mm ... 6000 mm
- **Piston diameter** 50 mm
- **Cushioning** Pneumatic cushioning, adjustable at both ends
- **Mounting position** optional
- **Position detection** Via proximity switch
- **Variants** Supply port at both ends Standard piston Extended piston
- **Operating pressure** 0.15 MPa ... 0.8 MPa
- **Operating pressure** 1.5 bar ... 8 bar
- **Mode of operation** Double-acting
- **CE mark (see declaration of conformity)** To EU Explosion Protection Directive (ATEX)
- **CE marking (see declaration of conformity)** To UK EX instructions
- **Explosion protection** Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)
- **ATEX category gas** II 2G

- **ATEX category dust** II 3D
- **Explosion ignition protection type for gas** Ex h IIC T4 Gb X
- **Explosion ignition protection type for dust** Ex h IIIC T120°C Dc X
- **Explosion ambient temperature**  $-10^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$
- **Operating medium** Compressed air to ISO 8573-1:2010 [7:-:-]
- **Note on operating and pilot medium** Lubricated operation possible  
(in which case lubricated operation will always be required)
- **Corrosion resistance class** CRC1 - Low corrosion stress
- **LABS (PWIS) conformity** VDMA24364-B1/B2-L
- **Suitable for use with food** See supplementary material information
- **Ambient temperature**  $-10^{\circ}\text{C} \dots 60^{\circ}\text{C}$
- **Cushioning length** 30 mm
- **Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke** 1178 N
- **Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke** 1178 N
- **alternative connections** See product drawing
- **Type of mounting** With accessories
- **Note on materials** RoHS-compliant
- **Material cover** Die-cast aluminium
- **Material seals** NBR TPE-U(PU)

