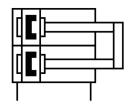
## **Twin cylinder** DGTZ-GF-6-20-P-A Part number: 8100543





**FESTO** 

## **Data sheet**

Feature Value Stroke 20 mm Adjustable end position range/length 10 mm Piston diameter 6 mm Drive unit operating mode Yoke Cushioning Elastic cushioning rings/pads at both ends Mounting position Any Guide Sliding guide Structural design Guide Position sensing For proximity sensor 00991249 Symbol Operating pressure 0.2 MPa ... 0.8 MPa Operating pressure 2 bar ... 8 bar Mode of operation Double-acting Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Class 6 according to ISO 14644-1 Cleanroom class -10 °C ... 80 °C Ambient temperature 0.01 J Impact energy in the end positions Max. payload as a function of the stroke at defined distance xs 1.2 N Theoretical force at 6 bar, retracting 18.6 N Theoretical force at 6 bar, advancing 34 N Moving mass 19 g Product weight 98 g Pneumatic connection M5 Note on materials **RoHS-compliant** Cover material Wrought aluminum alloy Seals material NBR Housing material Wrought aluminum alloy, anodized Piston rod material High-alloy stainless steel

## **<u>General operating condition</u>**