

Technical data

Part number: 1461995

Order code: DSBC-40-40-PPVA-N3EX4

FESTO

Technical data

Feature	Value
Stroke	40 mm
Piston Ø	40 mm
Type code	DSBC
Cushioning	Pneumatic cushioning adjustable at both ends
Mounting position	any
Design	Piston Piston rod Profile barrel
Position sensing	For proximity switch
Operating pressure	0.05 ... 12.0 bar
Mode of operation	Double-acting
ATEX category gas	II 2G
Type of ignition protection for gas	Ex h IIC T4 Gb X
ATEX category dust	II 2D
Type of ignition protection for dust	Ex h IIIC T120°C Db
Explosion ambient temperature	-20°C ≤ Ta ≤ 60°C
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note operating/pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
Corrosion resistance class CRC	2 - Moderate corrosion stress
Ambient temperature	-20 ... 60 °C
Impact energy in end p.	0.7 J
Theor. force 6 bar, ret.	633 N
Theor. force 6 bar, adv..	754 N
Perm. mov. mas. p.10mm h.	0 g 16 g
Type of mounting	Via female thread With accessories Either:
Pneumatic connection	G1/4
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Information about cover materials	Die-cast aluminium, coated
Info on cylinder barrel material	Smooth-anodised wrought aluminium alloy