

ISO cylinder DSNU-10- -

Part number: 193987

FESTO



Data sheet

Feature	Value
Stroke	1 mm...100 mm
Piston diameter	10 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Conforms to standard	CETOP RP 52 P ISO 6432
Structural design	Piston Piston rod Cylinder barrel
Position sensing	Via proximity switch
Variants	Stroke adjustment advancing Weld spatter protection Special thread on piston rod Piston rod with external hexagon Additional slide, standard, on left Low friction for balancer applications Bearing cover without mounting thread Swiveling rod eye mounting on the end cap Uniform, slow movement Low friction Through, hollow piston rod Additional PTFE piston guide
Operating pressure	0.15 MPa...1 MPa 1.5 bar...10 bar
Mode of operation	Double-acting
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
UKCA marking (see declaration of conformity)	acc. to UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category for dust	II 2D

Feature	Value
Type of ignition protection for gas	Ex h IIC T4 Gb
Type of (ignition) protection for dust	Ex h IIIC T120°C Db
Explosive ambient temperature	-20°C ≤ Ta ≤ +60°C
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)	2 - Moderate corrosion stress 3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...120 °C
Impact energy in the end positions	0.025 J...0.05 J
Theoretical force at 6 bar, advancing	40 N...47 N
Type of mounting	With accessories
Pneumatic connection	M5
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)
Piston rod material	high-alloy stainless steel
Material of cylinder barrel	high-alloy stainless steel