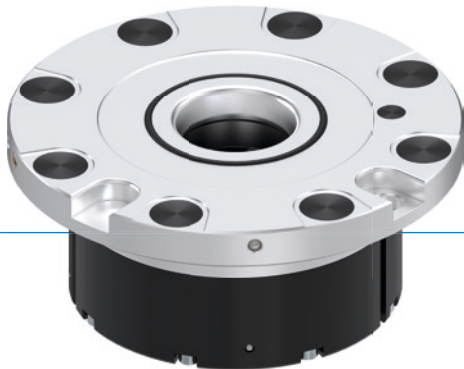


SPN ZERO-POINT CLAMPING SYSTEM

SPN112 E-SENSE

► PRODUCT ADVANTAGES



- Pre-positioning 18 mm before reaching end position
- Automatic centering and pull-in already 0,5 mm before reaching end position
- Electrical status check
- Mechanical locked in clamping position
- Low operating pressure of 4 or 6bar
- Maintenance free

► EQUIPMENT FEATURES



Pneumatic



Form fit



PLUS connection



Tubeless connection



Torque support



Automatic seal



Stainless steel



Pins compatible with reference system



Low height



Repeatability



Hardened

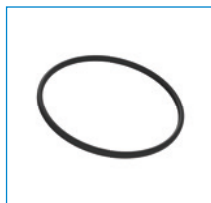


Piston position sensing / positioning check

► INCLUDED IN DELIVERY



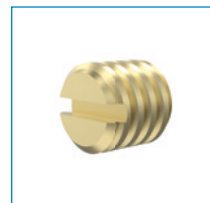
Mounting screw
M3x8 12.9
C0912030082



O-Ring
COR002010V



Cover cap
M3
095138



Venting filter
CFILT00052

► OPTIONAL ACCESSORIES



Sealing pin
SPZ112BV-B



Automatic seal
SPZ112AV-B



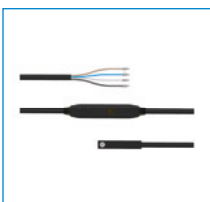
Centering pin
SPZ112BZ10-B
SPZ112BZ12-B



Retention pin
SPZ112BE10-B
SPZ112BE12-B



Sword pin
SPZ112BS10-B
SPZ112BS12-B



2-point sensor, cable 5 m

MFS02-K-KHC-P2-PNP



2-point sensor straight,
cable 0.3 m - M8 connector

MFS02-S-KHC-P2-PNP



Inductive proximity switch
- Cable 5 m

NJ3-E2



Inductive Proximity Switch
Cable 0,3 m - Connector
M8

NJ3-E2SK

► TECHNICAL DATA

	▶ Technical Data	
Order no.	SPN112E4ED-B	SPN112E6ED-B
Retention force max. [kN]	50	50
Operating pressure [bar]	4 ... 7	6 ... 7
Pull-in force [kN]	4.0	6.0
Pull-in force with PLUS connection [kN]	10.0	15.0
Operating temperature [°C]	-10 ... +70	-10 ... +70
Rotation prevention	Yes	Yes
PLUS connection	Yes	Yes
Air cleaning	Yes	Yes
Contact monitoring	electrical	electrical
Contact seal	Yes	Yes
Piston position sensing	electric	electric
Repetition accuracy [mm]	0.005	0.005
Material	Tempered stainless steel/aluminum	Tempered stainless steel/aluminum
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS
Weight [kg]	1.3	1.4

