PK-N/PK-P Series

The specialist for pick-and-place applications

- -1…12 bar relative pressure
- Accuracy 0.2 % f.s.
- NC/NO programmable switchpoints
- 2 switching outputs (PNP) or 1 switching output and IO-Link
- Protection class IP65
- Shock and vibration proof
- Nano lightweight design
- Response time < 2.5 ms (200 Hz)
- Programmable keylock
- Suitable for dry/oiled air and inert gases

The PK series has been developed specifically for the requirements in pneumatic applications. Compact, precise and lightly built, the sensors are suited for versatile use in the field of handling and automation systems. The sensors feature two switching outputs, which can be programmed in the hysteresis function as openers or closers

PK-N

PK-P

PK	01VR	–	N	12	AL	–	2UP	8	X	–	V1	1	4	1

PK 01VR – Functional principle

Measuring range

01VR	-1…0 bar g
01V	-1…1 bar g
010R	0…10 bar g
10V	-1…10 bar g
012R	0…12 bar g

Functional principle

PK	Pressure sensor, compact

N 12 AL – Mechanical version

Housing material

blank	Plastic (Design P)
AL	Aluminium (Design N)

Pressure connection

12	G⅛" female thread
13	G⅛" male thread
14	NPT⅛" male thread

Design

N	Cylinder, axial display
P	Cylinder, radial display

2UP 8 X – Electrical version –

Indication

X…	LED display

Voltage range

8	15 (18)…30 VDC

Output type

2UP	2 switching outputs PNP
2UPN	2 switching outputs/ IO-Link

V1 1 4 1 – Electrical connection

Assignment

1	standard assignment

Number of contacts

4	4-pin

Connector type

1	straight

Connector type

V1	receptacle, M8*

*M12 x 1 optional