

Accessories for Pneumatic Power Cylinder

Hydraulic pressure sensor (RoHS)

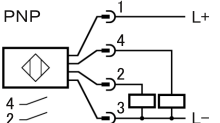
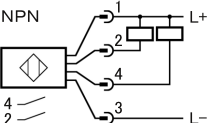
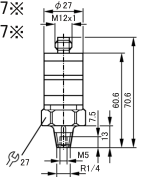
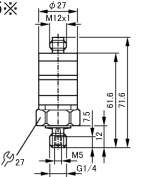
* The hydraulic pressure sensor will be shipped together with the Pneumatic Power Cylinder, install it yourself.

How to order

PCS V1 W - 02 - 05 05 - 3 - H2ME - V1 - B - RT - PN732E4 - G - S2

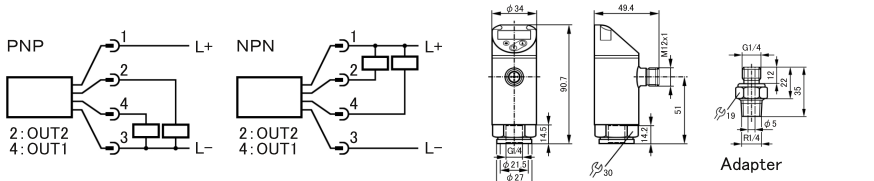
Pressure sensor	PK6530	PK6531	PK6732	PK6734	PK8730	PK8731	PK8732	PK8734	PN7010	PN7011	PN7032	PN7033	PN7034
Symbol	PK60	PK61	PK62	PK64	PK80	PK81	PK82	PK83	PN710	PN711	PN732	PN733	PN734
Connection cable	EVC001	EVC002	EVC003	EVC004	EVC005	EVC006						PK dedicated cover	E30094
Symbol	E1	E2	E3	E4	E5	E6						Symbol	DK

Two setting dial type (PK)

	Pressure sensor	PK6734		PK8734		PK6732		PK8732		PK6531		PK8731		PK6530		PK8730	
	Output type	PNP		NPN		PNP		NPN		PNP		NPN		PNP		NPN	
	Measuring range	0 to 1MPa				0 to 10MPa				0 to 25MPa				0 to 40MPa			
	Pressure rating	2.5MPa				20MPa				40MPa				60MPa			
	Setting range	0.05 to 1MPa				0.5 to 10MPa				1.25 to 25MPa				2.0 to 40MPa			
	Set point	0.03 to 0.98MPa				0.3 to 9.8MPa				0.75 to 24.5MPa				1.2 to 39.2MPa			
	Reset point																
	Operating voltage	DC9.6 to 32V															
	Current consumption	25mA															
	Permanent current rating	500mA															
	Shock resistance	50G (DIN/IEC68-2-27.11ms)															
	Setting accuracy	±2.5 % or less															
	Repeatability	±0.5 % or less															
	Ambient temperature	-25 to 80°C															
	Electrical connection	Four wires M12 connector															
Display	LED (Green : Power Yellow : Switching status)																
Applicable model	All models				All models * Use within the measuring range												
	Hydraulic pressure monitoring during pneumatic thrust stroke. Only the air-hydro converter can be connected.				PCM-005, 01 PCS-02 PCH-03, 06 13, 17				PCS-02, 04 PCH-06, 08 13, 17 24, 35				PCH-44				
Wiring and dmsions	PNP  NPN  PK87※ PK67※  PK65※  Adapter 																

* PK65 model comes with a conversion adapter (G1/4 to R1/4) for connecting to the pressure gauge port.

Two switching outputs with display type (PN)

	Pressure sensor	PN7034	PN7033	PN7032	PN7011	PN7010
	Outputs	Two switching outputs				
	Measuring range	0 to 1MPa	0 to 2.5MPa	0 to 10MPa	0 to 25MPa	0 to 40MPa
	Pressure rating	7.5MPa	15MPa	30MPa	50MPa	80MPa
	Operating voltage	DC18~30V				
	Current consumption	50mA				
	Permanent current rating	250mA				
	Shock resistance	50G (DIN/IEC68-2-27.11ms)				
	Insulation resistance	100MΩ (DC500V) or more				
	Ambient temperature	-25 to 80°C				
	Electrical connection	Four wires M12 connector				
	Display	4-digit 7 segment LED (Alternate display possible Green/Red)				
	All models	All models * Use within the measuring range				
	Hydraulic pressure monitoring during pneumatic thrust stroke. Only the air-hydro converter can be connected.	PCM-005		PCM-005, 01 PCS-02 PCH-03, 06 13, 17	PCS-02, 04 PCH-06, 08 13, 17 24, 35	PCH-44
Wiring and dimensions						

* PN model comes with a conversion adapter (G1/4 to R1/4) for connecting to the pressure gauge port.

Connection cable

	Type	Angled 2M	Angled 5M	Angled 10M
	Connection cable	EVC004	EVC005	EVC006
	Type	Straight 2M	Straight 5M	Straight 10M
	Connection cable	EVC001	EVC002	EVC003

Dedicated cover for PK models

	Dedicated cover
	E30094

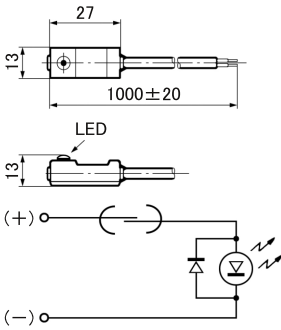
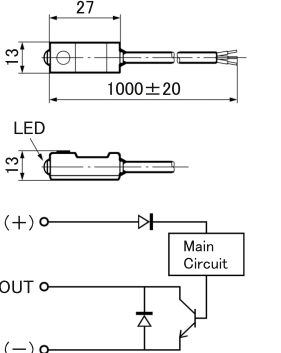
Hydraulic pressure sensor is made by ifm efector.

Glycerin filled pressure gauge

* The pressure gauge will be shipped together with the Pneumatic Power Cylinder, install it yourself.

Image	Model number	Symbol	Pressure port	Measuring range	Display of thrust	Applicable model
	2135-63-25B	G	R1/4 male	0 to 25MPa	N/A	All models
	GX-00501	GX			0 to 30kN	PCM-005 PCM-01
	GX-0204				0 to 40kN	PCS-02 PCS-04
	GX-0308				0 to 120kN	PCH-03 PCH-06 PCH-08
	GX-1324				0 to 300kN	PCH-13 PCH-17 PCH-24
	GX-3544				0 to 450kN	PCH-35 PCH-44

Auto switch (RoHS)

Image	Read auto switch			Dimentions and internal circuit 
	Model number	RS-6		
	Voltage	24 VDC	100 V / 200 VAC	
	Max. switching current	20 mA	20 mA	
	Max. switching capacity	5 W	5 VA	
	Average operating time	1msec		
	Insulation resistance	100 MΩ or more (500 VDC measured via megger)		
	Impact resistance	30G		
	Working temperature range	-10 to 60°C (Non-freezing)		
	Lead wire	Two - core cable, 1 m		
Indicating lamp	Red LED illuminates when turned ON			
Solid state auto switch				
	Model number	H2ME		Dimentions and internal circuit 
	Output type	NPN		
	Voltage	5, 12, 24 VDC		
	Max. load current	5 mA (5 VDC) 10 mA (12 VDC) 20 mA (24 VDC)		
	Max. switching current	100 mA (5 VDC) 200 mA (24 VDC)		
	Internal voltage drop	0.6 V or less (24 VDC)		
	Max. leakage current	0.1 mA or less (24 VDC)		
	Impact resistance	30G		
	Working temperature range	-10 to 60°C (Non-freezing)		
	Lead wire	Three - core cable, 1 m		
	Indicating lamp	Red LED illuminates when turned ON		

About mounting compatibility : Read auto switch (RS-6) and Solid auto switch (H2ME) can use the same switch bracket.