













Digital Pressure Switches (Self-Contained Type)

Series	Fluid	Set pressure range	Output	Note	Page No.
ZSE/ISE30 	High precision, 2-colour display digital pressure switch				
General pneumatic	-101 to 101 kPa -0.1 to 1 MPa	NPN/PNP open collector 1-5 V, 4-20 mA Analogue output	<ul style="list-style-type: none"> Port size: 1/8, ø4, ø6 Enclosure: IP40 	1395	
ZSE/ISE40 	High precision digital pressure switch				
General pneumatic	-100 to 100 kPa 10 to -101.3 kPa -0.1 to 1 MPa	NPN/PNP open collector Analogue output	<ul style="list-style-type: none"> Port size: M5, 1/8, ø4, ø6 Enclosure: IP65 	1400	
ZSE50F ISE50 	High precision digital pressure switch for general fluids				
General fluids	-100 to 100 kPa -0.1 to 1 MPa	NPN/PNP open collector Analogue output	<ul style="list-style-type: none"> Port size: M5, 1/4 Enclosure: IP65 	1404	
ZSE60F ISE60 	High precision digital pressure switch for general fluids				
General fluids	-100 to 100 kPa -0.1 to 1 MPa	NPN/PNP open collector Analogue output	<ul style="list-style-type: none"> Port size: URJ 1/4, TSJ 1/4 Enclosure: IP65 	1408	
ISE70 	2-colour display digital pressure switch				
General pneumatic	0 to 1 MPa	1 setup NPN/PNP open collector PNP open collector	<ul style="list-style-type: none"> Port size: 1/4 Enclosure: IP67 	1412	
ISE75/75H 	2-colour display digital pressure switch for general fluids				
General fluids	0.4 to 10 MPa 0.5 to 15 MPa	1 setup NPN/PNP open collector PNP open collector	<ul style="list-style-type: none"> Port size: 1/4 Enclosure: IP67 	1414	



Digital Pressure Switches (Separate Type)

Series	Fluid	Set pressure range	Output	Note	Page No.
PSE530 	Pressure sensor				
	General pneumatic	0 to 1 MPa 0 to -101 kPa 0 to 101 kPa -101 to 101 kPa		<ul style="list-style-type: none"> Port size: M5 Enclosure: IP40 	1417
PSE540 	Compact pressure sensor				
	General pneumatic	0 to 1 MPa 0 to -101 kPa -100 to 100 kPa		<ul style="list-style-type: none"> Port size: M3, M5, 1/8, $\varnothing 4$, $\varnothing 6$ Enclosure: IP40 	1418
PSE560 	Pressure sensor for general fluids				
	General fluids	0 to 1 MPa 0 to -101 kPa -100 to 100 kPa 0 to 500 kPa		<ul style="list-style-type: none"> Port size: M5, 1/8, 1/4 Enclosure: IP65 	1420
PSE550 	Low differential pressure sensor				
	General pneumatic	-50 to 50 kPa (can detect differential pressure from 0 to 2 kPa)		<ul style="list-style-type: none"> Port size: $\varnothing 4$ Enclosure: IP40 	1422



Controllers

Series	Sensor input amount	Set pressure range	Output	Note	Page No.
PSE300 	2-colour display controller				
	1 input	-0.1 to 1 MPa 10 to -101 kPa -100 to 100 kPa -10 to 100 kPa -50 to 500 kPa -0.2 to 2 kPa	NPN/PNP open collector 2 outputs Analog output	<ul style="list-style-type: none"> Red/Green dual colour LCD display Enclosure: Font only IP65, the rest IP40 	1424
PSE200 	Multi-channel controller				
	4 inputs	-0.1 to 1 MPa 10 to -101 kPa -101 to 101 kPa -10 to 100 kPa	NPN/PNP open collector 1 CH: 2 outputs 2 to 4 CH: 1 output	<ul style="list-style-type: none"> Monitor up to 4 individual sensors Enclosure: IP40 	1428




**Electronic Pressure Switches (Trimmer calibration)**

Series	Fluid	Set pressure range	Output	Note	Page No.
PS1000 PS1100 	Simple electronic pressure switch				
	General pneumatic	-0.1 to 0.45 MPa -0.1 to 0.4 MPa	2-wire type	<ul style="list-style-type: none"> Port size: $\phi 6$ Enclosure: IP40 	1432
ISA2 	Air catch sensor				
	General pneumatic	30 to 200 kPa (Detection distance 0.01 to 0.25 mm) 50 to 200 kPa (Detection distance 0.03 to 0.50 mm)	NPN/PNP open collector	<ul style="list-style-type: none"> Port size: 1/8 Enclosure: IP66 	1433

Mechanical Pressure Switches

Series	Fluid	Set pressure range	Contacts (Voltage)	Note	Page No.
IS1000 	Mechanical style pressure switch				
	General pneumatic	0.1 to 0.6 MPa	1a (to 100 VDC to 100 VAC)	<ul style="list-style-type: none"> Port size: 1/8 	1437
IS3000 	Pneumatic pressure switch				
	General pneumatic	0.1 to 0.7 MPa	1ab (24 to 125 VDC to 100 to 250 VAC)	<ul style="list-style-type: none"> Port size: 1/4 	1438

Digital Flow Switches

Series	Fluid	Flow rate range	Output	Note	Page No.
PF2A 	Digital flow switch for air				
	General pneumatic	1 to 12000 l/min	NPN/PNP open collector 3 outputs	<ul style="list-style-type: none"> Port size: 1/8, 1/4, 3/8, 1/2, 1, 1 1/2, 2 Enclosure: IP65 	1440
PF2W 	Digital flow switch for water				
	Water	0.5 to 100 l/min	NPN/PNP open collector 3 outputs	<ul style="list-style-type: none"> Port size: 3/8, 1/2, 3/4, 1 High temperature fluid (water 90°C) Enclosure: IP65 	1448
PF2D 	Digital flow switch for deionized water and chemicals				
	Deionized water and chemicals	0.4 to 40 l/min	NPN/PNP open collector 4 outputs	<ul style="list-style-type: none"> Body and sensor: New PFA Tube: Super PFA. Port size: 3/8, 1/2, 3/4 inch tube. Enclosure: IP65 	See Best Pneumatics catalogue