



คุณสมบัติ

- ECT 8472 เป็น Pressure Transmitter รุ่นราคาประหยัด
 - มีย่านวัดตั้งแต่ -1...+1 bar, 0...1 bar จนถึง 0...250 bar
 - Output 4-20 mA และ 0-10 VDC (สำหรับรุ่นมาตรฐาน)
 - การวัดมีทั้งแบบ Relative (Standard) และ Absolute (Option)
 - ค่าความเที่ยงตรง $\pm 0.5\%$ FS Typ.
- การนำไปใช้งาน • Machine tools • Hydraulics • Water Treatment

ข้อมูลทางเทคนิค

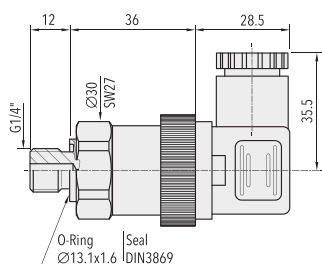
Measuring principle	Thick film on Steel	Accuracy @ 25°C typ.	± 0.5 % FS typ.
Measuring range	0 ... 1 to 0 ... 400 bar 0 ... 15 to 0 ... 5000 psi	Media temperature	-25°C ... +125°C 400 bar/5000 psi: -10°C ... +125°C
Output signal	4 ... 20 mA, 0 ... 5 VDC, 1 ... 6 VDC, 0 ... 10 VDC, 0.5 ... 4.5 VDC ratiom.	Ambient temperature	-25°C ... +85°C

การสั่งซื้อ [รุ่นมาตรฐาน]

Pressure range [bar]	Type Code	Over pressure max. [bar]	Signal output	Supply [VDC]
−1...+1	8472.43.5717.05.0000.0000.19.43.58.61.01	8	4...20 mA	9...30
0...1.0	8472.23.5717.05.0000.0000.19.43.58.61.01	5	4...20 mA	9...30
0...2.5	8472.25.5717.05.0000.0000.19.43.58.61.01	12.5	4...20 mA	9...30
0...4	8472.26.5717.05.0000.0000.19.43.58.61.01	20	4...20 mA	9...30
0...6	8472.27.5717.05.0000.0000.19.43.58.61.01	30	4...20 mA	9...30
0...10	8472.28.5717.05.0000.0000.19.43.58.61.01	50	4...20 mA	9...30
0...16	8472.29.5717.05.0000.0000.19.43.58.61.01	80	4...20 mA	9...30
0...25	8472.30.5717.05.0000.0000.19.43.58.61.01	125	4...20 mA	9...30
−1...+30	8472.31.5717.05.0000.0000.19.43.58.61.01	150	4...20 mA	9...30
0...60	8472.35.5717.05.0000.0000.19.43.58.61.01	300	4...20 mA	9...30
0...100	8472.32.5717.05.0000.0000.19.43.58.61.01	500	4...20 mA	9...30
0...160 *	8472.34.5717.05.0000.0000.19.43.58.61.01	800	4...20 mA	9...30
0...250 *	8472.34.5717.05.0000.0000.19.43.58.61.01	800	4...20 mA	9...30
0...10	8472.23.5717.05.0000.0000.17.43.58.61.01	5	0...10 VDC	15...30
0...2.5	8472.25.5717.05.0000.0000.17.43.58.61.01	12.5	0...10 VDC	15...30
0...4	8472.26.5717.05.0000.0000.17.43.58.61.01	20	0...10 VDC	15...30
0...6	8472.27.5717.05.0000.0000.17.43.58.61.01	30	0...10 VDC	15...30
0...10	8472.28.5717.05.0000.0000.17.43.58.61.01	50	0...10 VDC	15...30
0...16	8472.29.5717.05.0000.0000.17.43.58.61.01	80	0...10 VDC	15...30
0...25	8472.30.5717.05.0000.0000.17.43.58.61.01	125	0...10 VDC	15...30
0...100	8472.32.5717.05.0000.0000.17.43.58.61.01	500	0...10 VDC	15...30
0...160 *	8472.34.5717.05.0000.0000.17.43.58.61.01	800	0...10 VDC	15...30
0...250 *	8472.34.5717.05.0000.0000.17.43.58.61.01	800	0...10 VDC	15...30

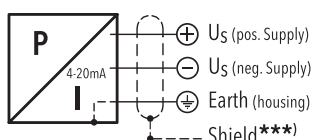
* ต้องระบุย่านวัด (Pressure Range) ทุกครั้ง

ขนาดและมิติ

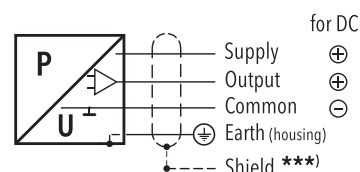


Female Electrical Plug Included

การต่อใช้งาน



Output 4 ... 20 mA



Output 0 ... 10 V

วิธีการสั่งซื้อ

						8472 .	XX	XX	XX	XX	XX	XX
Measuring range ¹⁾	Pressure measurement range [bar]	Over pressure [bar]	XX	Pressure measurement range [psi]	Over pressure [psi]							
	-1...+1	8	43	-15...+15	75							
	0 ... 1.0	5	23	0 ... 15	75							
	0 ... 2.5	12.5	25	0 ... 30	150							
	0 ... 4	20	26	0 ... 50	250							
	0 ... 6	30	27	0 ... 100	500							
	0 ... 10	50	28	0 ... 150	750							
	0 ... 16	80	29	0 ... 250	1,250							
	0 ... 25	125	30	0 ... 400	2,000							
	-1...+30	150	31	0 ... 450	2,250							
	0 ... 60	300	35	0 ... 1,000	5,000							
	0 ... 100	500	32	0 ... 1,500	7,500							
	0 ... 160	800	34	0 ... 2,000	10,000							
	0 ... 250	800	34	0 ... 3,000	15,000							
Sensor	Relative pressure, 1.4305(Standard)		57	Absolute pressure, 1.4305 ³⁾		87						
	Relative pressure, 1.4404/1.4435 ⁴⁾		59	Absolute pressure, 1.4404/1.4435 ^{3) 4)}		89						
	Relative pressure, 1.4462		52	Absolute pressure, 1.4462 ³⁾		82						
	Relative pressure, Titanium Grade 5		53	Absolute pressure, Titanium Grade 5 ³⁾		83						
Pressure connection	G1/4" female		10	G1/2" male ⁴⁾		21						
	G1/4" male(Standard)		17	1/4"NPT male ⁴⁾		30						
Electrical connection	Male electrical plug EN 175301-803-A, Mat. PA (Standard)		05	Male electrical plug industrial standard (contact distance 9.4mm) Mat.: PBT		01						
	Male electrical plug M12x1, 5-pole, Mat. PA		35	Cable IP67, Mat.: PVC (cable gland PA6-3) ^{5) 6)}		22						
	Male electrical plug Packard Metri Pack		51	Cable IP68 max. 3m, Medium +10°C...+35°C, max. 1 bar rel./abs.		68						
Output	Output	Load resistance	I (supply)		U (supply)							
	4 ... 20 mA (Standard)	(U _{supply} -9V) / 20mA			9 ... 30 VDC		19					
	0 ... 5 VDC	> 2.5 kΩ	< 10 mA		10 ... 30 VDC		14					
	1 ... 6 VDC	> 5.0 kΩ	< 10 mA		10 ... 30 VDC		16					
	0 ... 10 VDC (Standard)	> 5.0 kΩ	< 10 mA		15 ... 30 VDC		17					
	0.5 ... 4.5 VDC	> 5.0 kΩ	< 10 mA		5 VDC ± 0.25 VDC ratiometric		23					
Accessories	O-Ring FKM (-20°C ... +125°C)		61	Special electrical connection: Pin 1 + , Pin 2 - (Only for output 4...20mA and male electrical plug EN175301-803-A / DIN43650-A)								
	O-Ring CR ≤ 100 bar (-25°C ... +100°C)		62	92								
	O-Ring EPDM (-25°C ... +125°C)		63	Special electrical connection: Pin 1 out , Pin 2 -, Pin 3 + (Only for output 0...5VDC, 1...6VDC, 0...10VDC, 0.5...4.5VDC and male electrical plug EN175301-803-A / DIN43650-A)								
	Pressure peak damping element ø 1.0 mm (for pressure connections 17 and 30)		40	98								
	Pressure peak damping element ø 0.3 mm (for pressure connections 17 and 30)		43	Special electrical connection: Pin 1 + , Pin 2 -, Pin 3 out (Only for output 0...5VDC, 1...6VDC, 0...10VDC, 0.5...4.5VDC and male electrical plug EN175301-803-A / DIN43650-A)								
	Pressure peak damping element ø 0.5 mm (for pressure connections 17 and 30)		45	97								
	Female electrical connector EN 175301-803-A (DIN 43650-A)		58	Special electrical connection: Pin 1 + , Pin 2 - (Only for male electrical plug Packard Metri Pack 3-pol.)								
	Female electrical plug M12x1, 5-pole		33	99								
	Female electrical connector industrial standard		34	1M								
				3M								
			5M									

¹⁾ Extended overpressure as well as customized pressure ranges upon request

²⁾ Media -10°C ... +125°C

³⁾ Absolute ranges max. 40 bar

⁴⁾ Please ask us

⁵⁾ Cable length see accessories

⁶⁾ More materials and cables with venting tubes for low pressure ranges upon request

⁷⁾ Not for sensors 57 and 87

⁸⁾ Not for pressure connection G3/4" frontal membrane