

Pressure transmitter based on piezoresistive silicon pressure sensors  
 Explosion flameproof version for Hazardous area  
 with a certification by KOSHA

**DAHO**

Since January, 2026



Model: EDN.820  
 Sensor type: Piezo\_resistive silicon sensor  
 Connection part: Flush diaphragm  
 Accuracy:  $\leq 0.5\%$ ,  $\leq 0.25\%$ ,  $\leq 0.1\%$  F.S  
 Wetted parts: st.steel 316L  
 Housing: Aluminium



Pressure Transmitter	Model	기본판매가격 (원)
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Model: <b>EDN.820</b>	A4 : accuracy $\leq 0.5\%$	987,400
	A7 : accuracy $\leq 0.25\%$	1,234,300
	A9 : accuracy $\leq 0.1\%$	1,645,800

Scope	Code	Specifications	추가사양금액(원)
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Analog output signals	O1	: 4...20mA, 2-wire system	-
	O2	: 0...10V, 3-wire system	
	O3	: 0...5V, 3-wire system	
	O4	: 1...5V, 3-wire system	
	O6	: 0.5...4.5V, 3-wire system	
Pressure connection	G2	: G 1/2" with flush diaphragm	
RS485 function	RS485	: RS485 digital communication	102,100
2 switches	2SW	: 2 relay channel function, 2 swtches	102,100
Pressure Ranges / bar	BR19	: -1...0	-
	BR23	: 0...1	
	BR26	: 0...1.6	
	BR28	: 0...2.5	
	BR30	: 0...4	
	BR32	: 0...6	
	BR33	: 0...10	
	BR35	: 0...16	
	BR37	: 0...25	
	BR39	: 0...40	
	BR41	: 0...60	
	BR43	: 0...100	
	BR45	: 0...160	
BR47	: 0...250		

Piezoresistive silicon pressure transmitter  
 St. steel body for industrial application  
 with Declaration of conformity, CE



※ **Options with common accessories and additional costs**

Absolute pressure	PAA	: absolute pressure range [5...6 weeks delivery]	100,000
Operating temperature	T4	: -40...+125 °C	60,000
4-wires system for current	C4	: 4...20mA, 4-wire system (+Vcc, +signal, -Vcc, -signal)	11,000
Postprocess	AC50	: Corrosion-protective covering with Teflon to wetted parts	13,200
	AC51	: O-ring PTFE, FKM80 for sealing with sensor	3,000
Accessories	AC20	: Washer, aluminium a/w G1/4"A & G1/2"A-EN 837	2,040
	AC25	: Restirctor screw [oripis] made of st. steel	1,900
	TP	: St steel tag plate, 60 x 20 x 0.5t	9,200
	GK4	: Gasket, aluminium for thread G1/4"	3,000
	TP	: st. steel tag plate, 60 x 20 x 0.5mm	8,800
Flying cable / IP67	ACM	: 2m flying cable + additional extension cable /m	2,000
Underwater plug / IP68	5MCW	: 5m underwater cable standard length	163,280
	ACMV	: additional extension underwater cable /m	6,150
Certificates	DMCC	: DAHO manufacturing calibration card	price included
	KC	: KOLAS calibration certificate	KOLAS 교정비용 참조

**KOLAS 국제인증 교정수수료**

	압력변환기 / 전송기	12	표준, 종합 교정절차시 실비	기본교정료	표준소급료	VAT별도	
20412	1	압력변환기-절대압용 압력계			171,500	17,150	188,650
	2	압력변환기-게이지압용 압력계			114,700	11,470	126,170
	3	압력변환기-차압용 압력계			118,200	11,820	130,020
	4	압력변환기-기압계용 압력계			114,700	11,470	126,170
	5	압력변환기-고압용 압력계		100 MPa 이상인 계기	143,600	14,360	157,960
	6	압력변환기-미압용 압력계		0.01 MPa 이하인 계기	124,100	12,410	136,510
	7	압력변환기-동압용 압력계		실비			

※ 다호제작용품 구매시 위 "KOLAS 국제공인성적서" 를 신청할 경우에 위 "공인교정료" 에서 50% 할인 적용합니다.  
 다만, 다른 할인조건과 중복할인이 적용되지는 않습니다.

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※ Information about shape of accessories & brief specifications.

Product code	Photos	Specifications
AC20		Model : Washer, aluminium Applied for : Sealing for G1/4" & G1/2" Thickness : 4 mm Outer diameter : 14.5 mm
AC25		Product name: : Restrictor screw [oripis] Material : stainless steel Application: : against pulsation Hole diameter : 0.15mm Outer : less 3mm
AC40		Model : Cooling device Application : Temperature upto 200°C only for pressure transmitters Material : SUS 316 No. of fins : 5 Pressure conn. : G1/4", G1/2"
AC41		Model : Cooling device Application : Temperature upto 300°C a/w diaphragm seals Material : SUS 316 No. of fins : 5 Pressure conn. : G1/4", G1/2"
AC45		Model : Square Indicator, LCD Application : 4..20mA output only Display : -1999...9999 Sampling rate : 3 times / sec Electrical conn. : a/w DIN 43650A made of plastic
AC46		Model : Square Indicator, LED Application : 4..20mA output only Display : -1999...9999 Sampling rate : 3 times / sec Electrical conn. : a/w DIN 43650A, plastic made of plastic