

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



DAHO

updated 2025.08.01.



Model EDN.610
Sensor type Piezo_resistive silicon sensor
Accuracy ≤ 0.35%
Wetted parts: st.steel 316L
Application: pressure measurement for Hazardous area

Pressure Transmitter	Model	기본판매가격 (원)
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Model:	EDN.610	408,200
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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	-

Electrical connection	FP	Flameproof connecting cable gland	-
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Pressure connection	G4	G 1/4" (PF 1/4")	-
	G2	G 1/2" (PF 1/2")	-
	R4	R 1/4" (PF 1/4")	-
	R2	R 1/2" (PF 1/2")	-
	N4	NPT 1/4"	-
	N2	NPT 1/2"	-
	XX	Others	4 weeks_delivery time, q'ty ≥ 20 pcs
		4 weeks_delivery time, q'ty < 20 pcs	124,000

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	
	BR49	0...350	
	BR50	0...400	
	BR53	0...600	
	BR55	0...1000	

※ Options with common accessories and additional costs

Absolute pressure	PAA	absolute pressure range [5...6 weeks delivery]	100,000
Accuracy upgraded	A7	better than accuracy 0.25 %	164,000
	A9	better than 0.1 %	244,900
	A10	better than accuracy 0.05 %	327,000
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
	AC40	Cooling device upto 200 °C	286,000
	AC41	Cooling device upto 300 °C	307,000
	AC45	LCD Square Indicator, only for 4...20mA output	135,000
	AC46	LED Square Indicator, only for 4...20mA output	135,000
	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 (100MPa 이상인 계기)		100 MPa 이상인 계기	143,600	14,360	157,960
	6 압력변환기-미압용 압력계 (0.01 MPa 이하인 계기)		0.01 MPa 이하인 계기	124,100	12,410	136,510
	7 압력변환기-동압용 압력계		실비			

※ 다호 제품 또는 수입공급하는 제품을 구매할 경우에 "KOLAS 국제공인 교정료" 에서 10% 할인 적용하며, 연간계약 또는 특별고정할인 그리고 구매수량에 따른 할인 적용업체의 교정료는 중복할인적용이 되지 않습니다.

※ Information about shape of accessories & brief specifications.

Product code	Photos	Specifications	
AC20		Model	: Washer, aluminium for pressure connection EN837
		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 upto 200 °C
		Application	: cooling down temperature 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 200 °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