



Model: EDN.309  
Sensor type: Piezo\_resistive silicon sensor  
Accuracy: Accuracy  $\leq \pm 0.5\%$   
Wetted parts: all stainless steel  
Application: air, oil, water as well as aggressive media

Pressure Transmitter	Model	기본판매가격(원)
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Model:	EDN.309	Accuracy $\leq 0.5\%$	Basic price	114,600
min order q'ty $\geq 20$ pcs per order, with mixed pressure ranges				

Scope	Code	Specifications	선택사양 추가금액(원)
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Analog output signals	O1	: 4...20mA, 2-wire system	
	O2	: 0...10V, 3-wire system	
	O3	: 0...10V, 3-wire system	
	O4	: 1...5V, 3-wire system	
Electrical connection	P	: mPm plug	-
	C	: 2m flying cable	-
Pressure connection	R4	: R 1/4" (PT 1/4")	
	R2	: R 1/2" (PT 1/2")	
	G4	: G 1/4" (PF 1/4")	
	G2	: G 1/2" (PF 1/2")	
	XX	: Others	
Pressure Ranges / bar	R28	: 0...2.5	
	R30	: 0...4	
	R32	: 0...6	
	R33	: 0...10	
	R35	: 0...16	
	R37	: 0...25	
	R39	: 0...40	
	R41	: 0...60	
	R43	: 0...100	
	R45	: 0...160	
	R47	: 0...250	
	R50	: 0...400	
	R53	: 0...600	

※ 참고사항

본 series EDN.309 제품은

- ① 본 제품은 업체에서 정기적으로 많은 사용 수량 사용에 따른 생산 원가를 최소화하고 납품단가를 낮추어 개발된 제품입니다. 그러므로, 여러 압력범위를 섞어서 발주할 수 있으며, 기본 발주 수량은 최소 20 pcs/order 이상이어야 합니다.
- ② Wetted parts는 piezoresistive silicon pressure sensor 기반 위에 stainless steel 재질의 pressure sensor 이다.
- ③ 일반 적용분야는 Pumps, Compressors, Hydraulic & Pneumatic 에서 적용되어지는 제품이다.
- ④ 작업 환경조건이 매우 열악하며, Surge noise, Burst noise 등의 EMC & EMI 의 보호기능이 매우 뛰어나다.
- ⑤ 상기 언급된 사양으로만 제작 공급이되며, 추가 사양은 점부의 선택사양들이 참고된다.

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



**추가선택사항**

Absolute pressure	PAA	absolute pressure range [5...6 weeks delivery]	105,300
	AU	Gold plated piezoresistive pressure sensor	335,800
Operating temperature 4-wires system for current	T4	-40...+125 °C	63,200
	C4	4...20mA, 4-wire system (+Vcc, +signal, -Vcc, -signal)	11,600
Postprocess	AC50	Corrosion-protective covering with Teflon to wetted parts	13,900
	AC51	O-ring PTFE, FKM80 for sealing with sensor	3,100
Accessories	AC20	Washer, aluminium a/w G1/4"A & G1/2"A-EN 837	2,200
	AC25	Restirctor screw [oripis] made of st. steel	2,000
	AC40	Cooling device upto 200 °C	306,200
	AC41	Cooling device upto 300 °C	400,000
	AC45	LCD Square Indicator, only for 4...20mA output	158,000
	AC46	LED Square Indicator, only for 4...20mA output	158,000
	TP	St steel tag plate, 60 x 20 x 0.5t	10,000
	GK4	Gasket, aluminium for thread G1/4"	3,100
	NO	Washing for application like "USE NO OIL" per pcs	10,800
Flying cable / IP67	ACM	2m flying cable + additional extension cable /m	2,200
Underwater plug / IP68	5MCW	5m underwater cable standard length	171,900
	ACMW	additional extension underwater cable /m	6,500
Company Logo	CD	The first printing of LOGO by Laser on each model - only English or/and Korean characters, not graphic	107,500
Certificates	DMCC	DAHO manufacturing calibration card	price included
	KC	KOLAS calibration certificate	KOLAS 교정비용 참조

※ 발주시 최종 합산된 총금액에서 10 원 이하는 절사하세요

**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			

※ 다호제작품 구매하면서 교정할 경우에 위 "KOLAS 국제공인 교정료" 에서 50% 할인적용합니다.  
다만, 다른 할인조건과 중복할인이 적용되지 않습니다.

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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 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