

**Piezoresistive silicon pressure transmitter**  
**High precision pressure transmitter**  
**Mathematically compensated / programmable**

**DAHO**

2024.01.01



Model	23SX
Sensor type	Piezoresistive silicon sensor
Accuracy	Accuracy 0.1% FS
Wetted part	St.Steel AISI 316L / FKM (75 shore A)
Application	Engine test benches, industrial applications, Automation technology, Mobile hydraulics

(Currency : KRW)

Specification	Code
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Selected pressure application	PR : Vent gauge, Zero at atm. pressure ≤ 25 bar
	PA : Sealed gauge, Zero at 1000 mbar abs.
	PAA : Absolute. Zero at vacuum

Model	23SX : Piezoresistive silicon sensor
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Selected specifications	Basic Price
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Analog output signals	O6 : RS485 only
	O7 : 4...20mA and RS485
	O8 : 0...10V and RS485
	O9 : 0...5V and RS485

Electrical connection	D : DIN43650, GSP EN 175301-803-A without RS485
	B : Binder plug

Pressure Connection	G4 : G1/4"
	N4 : 1/4-18 NPT male

Pressure Range	code	bar		O6, O7, O8, O9
	R27	0...0.2	<i>use PR-23SX for low pressure</i>	1,248,000
	R28	0...0.5	<i>use PR-23SX for low pressure</i>	
	R29	0...1	<i>use PR-23SX for low pressure</i>	
	R30	0...1.6	<i>use PR-23SX for low pressure</i>	
	R31	0...2	<i>use PR-23SX for low pressure</i>	
	R32	0...2.5	<i>use PR-23SX for low pressure</i>	
	R34	0...4		1,248,000
	R36	0...6		
	R37	0...10		
	R38	0...16		
	R40	0...25		
	R42	0...40		
	R44	0...60		
	R45	0...100		
	R46	0...160		
	R48	0...250		
	R50	0...400		1,290,000
	R52	0...600		
	R54	0...1000		
	RYY	Other ranges		Plus 50%

**Options**

Optional accessories	M	: M12 Electrical plug	72,300
	D	: DIN43650, GSP EN 175301-803-A without RS485	견적문의시 가격제출
	C	: ø 5,8 mm, PE sheath (5-pin, cable gland)	견적문의시 가격제출
	CG	: Cable gland	293,600
	K114	: K114 Converter	784,300
	TAG	: Tag. Name plate, made of st. steel (60 x 20 x 0.5t)	20,000
	OTP	: Other temperature range, -40...120℃	952,800
Cable Length / Daho 제작	2MC	: 2m cable standard	5,000
	ACM	: additional extension cable /m	2,000
Additional device	CD2	: Cooling device up to 200℃	250,000
	CD3	: Cooling device up to 300℃	300,000
Certificates	CC	: Calibration Certification by Keller (with 5 measuring points)	202,200
	DMCC	: DAHO manufacturing calibration card	8,000
	KC	: KOLAS calibration certificate	refer to KOLAS list price