

Piezoresistive silicon pressure transmitter
for industrial applications
gauge and absolute pressure / accuracy 0.25%FS

DAHO

2024.01.01



Model	23SY
Sensor type	Piezoresistive silicon sensor
Accuracy	Accuracy ± 0.25% FS
Wetted part	St.Steel AISI 316L (1.4404/1.4435)+Viton®
Application	air, oil, water as well as aggressive media
Pin Assignment(Standard)	Pin 2 : OUT , Pin 3 : +Vcc (Currency : KRW)

Specification	Code	List Price
Sensor Version	PR : Vent gauge, Zero at atm. pressure ≤ 20 bar	-
	PA : Sealed gauge, Zero at 1000 mbar abs.	-
	PAA : Absolute. Zero at vacuum	-
Model	23SY : Piezoresistive silicon sensor	<i>Standard price</i>
Analog output signals	O1 : 4...20mA	
	O2 : 0...10V	
	O3 : 0.5...4.5V	
	O11 : 0...5V	
Electrical connection	D : DIN 43650 A	-
Pressure Connection	G4 : G1/4"	-
	N4 : 1/4"-18 NPT	on request
	G2 : G1/2"	on request

Pressure Range	code	bar	O1, O2, O3, O11	
	R107	-0.5...0	791,500	
	R110	-0.2...0		
	R112	-0.1...0		
	R122	-0.5...0.5		<i>use PR-23SY for low pressure</i>
	R118	-0.2...0.2		<i>use PR-23SY for low pressure</i>
	R16	-1...1		
	R19	-1...0		
	R131	0...0.1		
	R134	0...0.2		<i>use PR-23SY for low pressure</i>
	R138	0...0.5		<i>use PR-23SY for low pressure</i>
	R23	0...1		
	R26	0...1.6		
	R27	0...2		
	R28	0...2.5		
	R30	0...4	791,500	
	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	791,500	
	R53	0...600		
	R55	0...1000		

Options

Optional accessories	Pin Assignment (Standard - Pin 2 : OUT , Pin 3 : +Vcc 외)	79,300
	U7M : 7/16"-20 UNF(M) process thread	견적문의시 가격제출
	U7F : 7/16"-20 UNF(F) process thread	견적문의시 가격제출
	B : Binder plug / IP67	91,500
	M : M12 Electrical connection / IP67	72,300
Cable Length / Dahو 제작	CG : Cable gland	293,600
	2MC : 2m cable standard	5,000
	ACM : additional extension cable /m	2,000
Additional device	CD2 : Cooling device up to 200 °C	250,000
	CD3 : Cooling device up to 300 °C	300,000
Certificates	DMCC : DAHO manufacturing calibration card	8,000
	KC : KOLAS calibration certificate	refer to KOLAS list price