



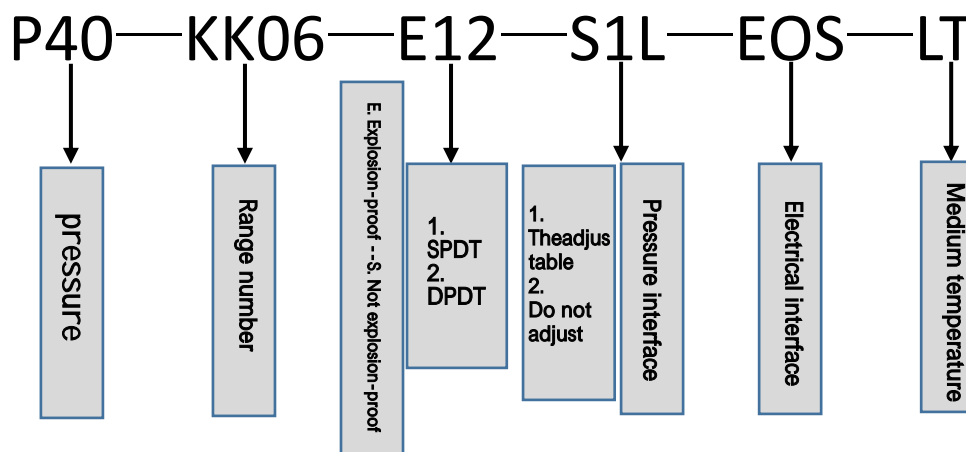
**An overview of the**

The controller adopts diaphragm type, bellows, pistons and spring tube pressure sensing elements. The general type can be used to realize automatic pressure control in places where the odor, liquid or steam and other media are corroded by the pressure sensing elements.

Explosion-proof product explosion-proof mark is Exed11CT6, can be used for 11A, 11B, 11C class T1-T6 group of explosive gas mixture place to realize pressure automatic control of the non-corrosive gas, liquid or steam medium.

The setting value of the controller is adjusted from -0.1 to 40Mpa. The working pressure is 1.5 times of the measuring range.

Pressure controller options table



Range code	range	Switch is poor	Switching frequency	Sensor material
KK06	0-6KPa	0.2KPa	10 Times/min	Nitrile rubber
KK25	0-25KPa	0.5KPa		
KM016	0.006-0.16MPa	0.004MPa	20 Times/min	316L
KM100	0.02-1.0MPa	0.25MPa	20 Times/min	316L
KM100	0.05-0.25MPa	0.25MPa	20 Times/min	316L
KM600	0.3-6MPa	0.3MPa	20 Times/min	316L
KG10	1-10MPa	0.3MPa	20 Times/min	316L
KG16	1-16MPa	0..5MPa	20 Times/min	316L
KG25	2-25MPa	0.5MPa	20 Times/min	316L
KG40	2-40MPa	1.5MPa	20 Times/min	316L

Table of pressure interface parameters

		M20*1.5 (F/M)	G1/2 (F/M)	G1/4 (F/M)	1/4"NPT (F/M)	1/2"NPT (F/M)	3/4"NPT (F/M)	2"NPT (F) 1/4"NPT (F)
Materials and Codes	Carbon steel	C1L/C1L/1	C2L/C2L/1	C3L/C3L/1	C4L/C4L/1	C5L/C5L/1	C6L/C6L/1	/
	304 stainless steel	S1L/S1L/1	S2L/S2L/1	S3L/S3L/1	S4L/S4L/1	S5L/S5L/1	S6L/S6L/1	S8L/S8L/1
Pressure interface	316 stainless steel	S1S/S1S1	S2S/S2S1	S3S/S3S1	S4S/S4S1	S5S/S4S1	S6S/S6S1	S8S/S8S1
	316 stainless steel	S1SL/S1SL1	S2SL/S2SL1	S3SL/S3SL1	S4SL/S4SL1	S5SL/S5SL1	S6SL/S6SL	S8SL/S8SL1

Electrical interface parameter list

Electrical interface dimensions	M18*1.5 (F/M)	M20*1.5 (F/M)	G1/2 (F/M)	G1/4 (F/M)	1/4*NPT (F/M)	1/2*NPT (F/M)	3/4*NPT (F/M)
Electrical interface code	EOS/ EOS1	E1S E1S1	E2S/ E2S1	E3S/ E3S1	E4S/ E4S1	E5S/ E5S1	E6S/ E6S1

Table of medium temperature parameters

LT:180degrees	HT:450degrees	MT:The normal temperature
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Main technical parameters

	ordinary	Explosion-proof type
Work viscosity	≤ 10-3m <sup>2</sup> /S	≤ 10-3m <sup>2</sup> /S
Switching element	Micro switch	Micro switch
Explosion-proof grade		EXed11CT6
Shell protection class	IP65	IP65
The environment temperature	-15° C-55° C	-15° C-55° C
The environment temperature	5%-95%	5%-95%
The service life of the resistant	10 <sup>5</sup> loops	10 <sup>5</sup> loops
The rated load	V <sub>max</sub> =380V Z <sub>max</sub> =5A	V <sub>max</sub> =380V Z <sub>max</sub> =5A
Renaturation of error	≤ 1.0%	≤ 1.0%