

## Technical data

## Explosion-proof pressurized distribution cabinets (Ex db eb pxb IIC) PXK-□/□□

<b>Explosion protection</b>	
Global (IECEX)	IECEX CQM 19.0019X
Gas and dust	Ex db eb pxb IIC T4 Gb Ex pxb tb IIIC T130°C Db IP66
Europe (ATEX)	ATEX (applied for)
Gas and dust	⊕ II 2 G Ex db eb pxb IIC T4 Gb ⊕ II 2 D Ex pxb tb IIIC T130°C Db IP66
CUTR	RU C-CN.HA65.B.01389/22
Gas and dust	1 Ex db px IIC T4 Gb X Ex px tb IIIC T130°C Db X
<b>Certificates</b>	IECEX; ATEX; CUTR; INMETRO
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-2, EN 60079-7, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-2, IEC 60079-7, IEC 60079-31
<b>Positive pressure value</b>	200Pa~800Pa(0.002bar~0.008bar)
<b>Air pressure</b>	0.2MPa~0.8MPa (2bar~8bar)
<b>Rated voltage</b>	Max.1000V AC 50/60Hz Max.1500V DC
<b>Rated current</b>	Max.630A
<b>Enclosure material</b>	Powder coated carbon steel or stainless steel
<b>Ambient temperature</b>	-40°C~+55°C

## Selection table

Model	Outline dimension (mm)	Positive pressure cavity volume (m <sup>3</sup> )	Ventilation flow (m <sup>3</sup> /h)	Ventilation time (min)	Air leakage (m <sup>3</sup> /h)
K1	600 x 600 x 350	0.126	10	5	2
K2	600 x 800 x 350	0.168		6	
K3	800 x 1000 x 350	0.28		9	
K4	800 x 1200 x 400	0.384		13	
K5	800 x 1200 x 600	0.576		18	
K6	800 x 1600 x 600	0.64		20	
K7	800 x 2000 x 600	0.96		29	
K8	1000 x 1800 x 600	1.08		33	
K9	1000 x 2000 x 600	1.2		40	
K10	1200 x 2000 x 600	1.44		45	
K11	1000 x 2000 x 800	1.6		48	
K12	1200 x 2000 x 800	1.92		58	
K13	1400 x 2000 x 800	2.24		68	

## Px series pressurized cabinets

- ◆ The components of pressurized cavity of console type product are mainly used for on-site control components, analysis instrument, centralized control and signal contact; and used for on-site continuous operation and monitoring;
- ◆ Computer can be installed on request;
- ◆ Special design is on request.

## Ordering information

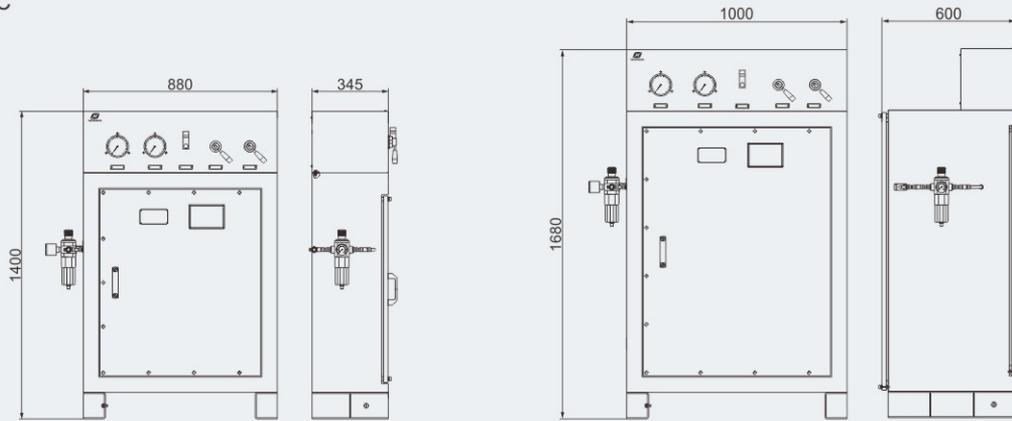
- ◆ Please specify the product type when ordering according to Catalogue Number Logic;
- ◆ Users should provide electrical system drawing, control schematic diagram, brand of inner components, layout drawing of panel components, cable size of inlet/outlet and quantity, etc..



**Pressurized Products**  
**PXK Series Explosion-proof Pressurized Distribution Cabinets**

**Dimension drawings** (all dimensions in mm) - subject to alteration

Ex pz IIC



Ex px IIC

