

KAV120

Air Velocity Transmitter

KeramControls®

Description

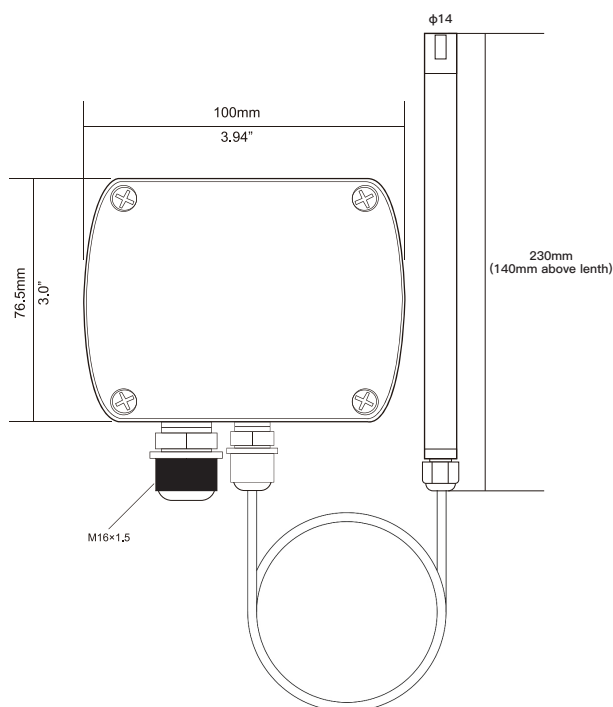
KAV120 series air velocity transmitter adopts high temperature resistant and corrosion resistant material shell, which can achieve stable and reliable performance even in harsh working environment. Compared with the traditional velocity sensor, it can obtain better stability, can ensure faster and accurate small air volume measurement and accuracy, wide range ratio, the measurement data is accurately calibrated in the full range through the internal micro controller, linear compensation and temperature compensation are both for digitization, it creates excellent performance of high precision and high resolution.



Technical Data

Model	KAV120
Power supply	16-24VAC or VDC
output	4-20mA/ 0-5V/ 0-10V/ RS-485
Operating temperature	-5 ... +70°C
Storage temperature	-20 ... +70°C
Permissible humidity	0 ... 90%RH
Measuring range	1~30m/s
Accuracy	0.2%FS
Working frequency	50Hz
Maximum air velocity	30m/s
Electromagnetic compatibility	EN61326-1 standard (industrial environment)
Housing material	ABS
Protection	IP65/ NEMA4
Cable gland	M16*1.5

Dimensions (mm)



Ordering Guide

KAV120	Output		Display		Range		Probe	
Model	Output		Display		Range		Probe	
KAV120	4-20mA(2 wire)	(E)	YES	(D)	0 ... 1 m/s	(1)	RVVR0.5mm², 70m	70
	4-20mA(3 wire)	(F)	No	(-)	0 ... 2 m/s	(2)	RVVR1mm², 200m	200
	0-10V(3 wire)	(G)			0 ... 5 m/s	(3)	RVVR1.5mm², 300m	300
	Rs-485	(H)			0 ... 10 m/s	(4)		
	0-5V(3 wire)	(J)			0 ... 15 m/s	(5)		
					0 ... 20 m/s	(6)		
					0 ... 30 m/s	(7)		