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Partner Channel

Sensors

Product Overview

sbc SAIA BURGESS CONTROLS

TREND

CENTRA LINE by Honeywell

ПРОМЭЛЕКТРОНИКА, sales@prom-elec.com

Immersion / Air duct

	Air-duct and immersion sensors																											
Material	VF01-1B65NW	VF01-1B54NW	VF01-5B65NW	VF01-5B54NW	VF01-3B65NW	VF01-3B54NW	LFV-050-1B65	LFV-050-3B65	LFV-100-1B65	LFV-100-3B65	VF20-1B65NW	VF20-1B54NW	VF20-5B65NW	VF20-5B54NW	VF20-3B65NW	VF20-3B54NW	VF00-1B65NW	VF00-1B54NW	VF00-5B65NW	VF00-5B54NW	VF00-3B65NW	VF00-3B54NW	VF10-1B65NW	VF10-1B54NW	VF10-5B65NW	VF10-5B54NW	VF10-3B65NW	VF10-3B54NW
Ni1000	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PT1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●	●	●	●	—	—	—	—	—	—
NTC 20K	—	—	—	—	—	—	—	—	—	—	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	—	—	—
NTC 10K	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●	●	●	●
0…10 V	—	—	—	—	—	—	●	●	●	●	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
T°C Range	–40…150 °C						0…50 °C		0…100 °C		–40…+150 °C																	
Protection	IP65	IP54	IP65	IP54	IP65	IP54	IP65				IP65	IP54	IP65	IP54	IP65	IP54	IP65	IP54	IP65	IP54	IP65	IP54	IP65	IP54	IP65	IP54	IP65	IP54
Probe length (mm)	150		50		300		150	300	150	300	150		50		300		150		50		300		150		50		300	

Fast reacting sensors

	Fast reacting sensors											
Material	VFF00-75P65	VFF00-220P65	VFF00-300P65	VFF01-75P65	VFF01-220P65	VFF01-300P65	VFF20-75P65	VFF20-220P65	VFF20-300P65	VFF10-75P65	VFF10-220P65	VFF10-300P65
Ni1000	—	—	—	●	●	●	—	—	—	—	—	—
PT1000	●	●	●	—	—	—	—	—	—	—	—	—
NTC10K	—	—	—	—	—	—	—	—	—	●	●	●
NTC 20K	—	—	—	—	—	—	●	●	●	—	—	—
T°C range	–20…140 °C											
Protection	IP65											
Immersion depth	75	220	300	75	220	300	75	220	300	75	220	300

Cables, wells, flanges

	Cable sensors							
Material	KTF00-65-2M	KTF20-65-2M	KTF01-65-2M	KTF10-65-2M	KTF20-65-2M-B (packs 50 pieces)	KTF20-65-5M-B (packs 50 pieces)	KTF00-65-2M-300	KTF01-65-2M-300
Ni1000	—	—	●	—	—	—	—	●
PT1000	●	—	—	—	—	—	●	—
NTC10K	—	—	—	●	—	—	—	—
NTC 20K	—	●	—	—	●	●	—	—
T°C range	–30…105 °C						–20…260 °C	
Protection	IP65							
Cable length	2 m					5 m	2 m	

Wells and flanges					
Material	**Length**	**Features**	**Pmax**	**max. flow rate**	**Innovative design**
WB50	50 mm	Brass R1/2" / ISO, PN25	13 bar	26 m/s	
WB150	135 mm			5 m/s	
WB300	285 mm			1.2 m/s	
WS50	50 mm	Stainless steel R1/2" / ISO, PN25	25 bar	30 m/s	
WS150	135 mm			7.5 m/s	
WS300	285 mm			2 m/s	
LF-MF	Mounting flanges for air-duct applications, bulk packs of 10 pieces				

Thermostats and frost-protection

	Thermostats			
Material	STB70130	STB2080	STW70130	STW2080
Setpoint	70…130 °C	20…80 °C	70…130 °C	20…80 °C
DT°C	20K		10K	
Reset	Manual		Auto	
IP rate	IP54			

	Frost protection thermostats						Frost protection thermostat 2 stages	
Material	FT6960-18	FT6960-30	FT696060	FT6961-18	FT6961-30	FT6961-60	FTSE20	FTSE60
Capillary length	1.8 m	3 m	6 m	1.8 m	3 m	6 m	2 m	6 m
Reset	manual			Auto			2K offset	
T°C range	–20 °C…55 °C						0…15 °C	
Protection	IP65						IP42	

Flow switches, Hygrostat and Thermostat

	Airflow switches	Liquidflow switches	Air duct hyg-rostat
Material	S6040A1003	S6065A1003	H6045A1002
Ambient T°C	–45…+85 °C		–10…+65 °C
Protection	IP65		
I max.	15 A	15 A	15 A
Voltage	24…250 VAC	24…250 VAC	24…250 VAC

	Safety thermostat
Material	STB1
Range	60…130 °C
Depth	150 mm
Accessory	—
Steel well	T4NST

Liquid pressure

Pressure transmitters		Delta P transmitters		Pressure switch		Delta P Switches	
Material	**Range b**	**Material**	**Range b**	**Material**	**Range b**	**Material**	**Range b**
4…20 mA signal				**DCMV3**	0.2…2.5	**PSHDM1002**	0…0.1
PTI4	0…4	**DTI06**	0…0.6	**DCMV6**	0.5…6	**PSHDB0012**	0…1
PTI6	0…6	**DTI1**	0…1	**DCMV10**	1…10	**PSHDB0032**	0…3
PTI10	0…10	**DTI2**	0…2.5	**DCMV16**	3…16	**PSHDB0062**	0…6
PTI16	0…16	**DTI4**	0…4	**DCMV25**	4…25		
PTI25	0…25	**DTI6**	0…6	**DCMV40**	8…40		
PTI 40	0…40	**DTI10**	0…10	**DCMV63**	16…63		
0…10 V signal							
PTU4	0…4	**DTU06**	0…0.6				
PTU6	0…6	**DTU1**	0…1				
PTU10	0…10	**DTU2**	0…2.5				
PTU16	0…16	**DTU4**	0…4				
		DTU6	0…6				
		DTU10	0…10				

Air quality

	Air quality sensors										
	Air + RH					T°C CO_2					T°C, CO2, RH
Material	LFH00-2B65	LFH01-2B65	LFH10-2B65	LFH20-2B65	LFHV-2865	AQS-KAM-00	AQS-KAM-01	AQS-KAM-10	AQS-KAM-20	AQS 71-KAM-T	AQS-KAM-RH-V
Ni1000	—	●	—	—	—	—	●	—	—	—	—
PT1000	●	—	—	—	—	●	—	—	—	—	—
NTC 10K	—	—	●	—	—	—	—	●	—	—	—
NTC 20K	—	—	—	●	—	—	—	—	●	—	—
Nbr 0…10 V out	●	●	●	●	● ●	●	●	●	●	● ●	● ● ●
T°C Range	–5…55 °C					0…50 °C					0…50 °C
Protection	IP65					IP65					IP65
Output CO_2	0…10 V / 4…20 mA					0…10 V					0…10 V
Range RH% or ppm	10…90%					0…2000 ppm					10…90%/0…2000 ppm
Power supply	24 VAC/VDC										

Strap-on

	Pipe strap-on sensors									
Material	SF01-B65	SF01-B54	SFV-050-1B65	SFV-100-1B65	SF20-B65	SF20-B54	SF00-B65	SF00-B54	SF10-B65	SF10-B54
Ni1000	●	●	—	—	—	—	—	—	—	—
0…10 V	—	—	●	●	—	—	—	—	—	—
PT1000	—	—	—	—	—	—	●	●	—	—
NTC 10K	—	—	—	—	—	—	—	—	●	●
NTC 20K	—	—	—	—	●	●	—	—	—	—
T°C range	–30…110 °C		0…50 °C	0…100 °C	–30…110 °C				—	—
Protection	IP65	IP54	IP65		IP65	IP54	IP65	IP54	IP65	IP54
Strap diam	max. 110 mm									
Power supply	—	—	24 VAC/DC		—	—	—	—	—	—

Outdoor

	Outdoor temperature sensors							outdoor + RH	
Material	AF01-B65	AF01-B54	AF00-B65	AF00-B54	AF10-B54	AF20-B54	AF20-B65	H7508B1060	
Ni1000	●	●	—	—	—	—	—	—	—
Pt1000	—	—	●	●	—	—	—	—	—
NTC10K	—	—	—	—	●	—	—	—	—
NTC20K	—	—	—	—	—	●	●	—	●
0…10 V out	—	—	—	—	—	—	—	●	●
T° Range	–40…70 °C							–30…50 °C	
Protection	IP65	IP54	IP65	IP54	IP54	IP54	IP65	IP34	
Power supply	—	—	—	—	—	—	—	24 VAC/VDC	

Dew point and air velocity

Dewpoint switch	
Material	HSS-DPS
Supply	24 VAC/VDC
Operation T°C	0…50
Switch point	> 90%
Response time	25 s
Protection	IP40

Air velocity sensors		
Material	AV-D-10	AV-R-10
Power supply	24 VAC/DC	24 VAC/D
Mounting place	Air-duct	Remote
Probe length	200 mm	
Out 0…10 VDC / 4…20 mA	●	
Selectable range	0…10, 15, 20 m/s	

Air duct and Average temperature

Air-duct average temperature sensors		
Material	C7085A1006	C7085A1014
PT1000	4×	—
NTC 20K	—	4×
T°C range	–30 °C…70 °C	
Protection class	III	
Sensor/cable L	3 m	

Air-duct sensors				
Material	length	NTC 20K	T°C range	Innovative design
LF20-1P65-5M	157	●	–30…80 °C	
LF20-3P65-5M	307	●		
PF20-65-2M	2 m cable	●	–30…70 °C	
PF20-65-5M	5 m cable	●		

Air pressure

	Delta P transmitters	
	No display	Display
Range Pa	Material	
–50…50	DPTE50S	DPTE50SD
–100…100	DPTE100S	DPTE100SD
–500…500	DPTE500S	DPTE500SD
–1000…1000	DPTE1000S	DPTE1000SD
–50…50	DPTE100	DPTE100D
0…250/500	DPTE250	DPTE250D
0…500/1000	DPTE500	DPTE500D
0…1000/2500	DPTE1000	DPTE1000D
0…5000/10000	DPTE5000	DPTE5000D

ΔP switches	
Pa	Pa
DPS200	20…200
DPS400	40…400
DPS500	50…500
DPS1000	200…1000
DPS2500	500…2500

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