

Systems

Components

Services

Facility Services



2-point controllers, sensors, and transducers

Product range

2-point controllers

Thermostats



Type designation	TSO, TSH	TSHK 621...643	TSHK 670...672	TSHK 681...682
Application				
2-pipe system	–	•	–	•
4-pipe system	–	•	•	•
Heating/cooling	•	•	•	•
Function				
C/O	–	–	–	•
Changeover switch for heating/cooling	•	•	•	•
Fan	on/off	3 speeds	3 speeds	3 speeds
External sensor	–	–	–	•
LCD display	–	–	–	•
Output signal				
Switching 230 V	•	•	•	•
Switching 24 V	•	–	–	–
Additional information				

Universal thermostats / frost monitors



Type designation	TUC	TFL 201	TFL 611
Place of installation			
Pipe	•	–	–
Duct	•	•	•
Function			
Monitor	•	•	•
Limiter	•	•	–
Display	–	–	•
Safety function	•	–	–
Certification			
EN 14597	•	–	–
PED 2014/68/EU	•	–	–
Output signal			
Active	–	–	•
Switching 230 V	•	•	•
Switching 24 V	•	•	•
Measuring element			
Temperature	•	–	–
Frost	–	•	•
Additional information			

Pressure switches



Type designation	DSA	DSB	DSF	DSL	DSH	DFC 17B	DFC 27B	DSD
Function								
Pressure monitor	•	•	•	–	–	•	•	–
Pressure limiter for increasing pressure	–	–	–	–	•	(•)	(•)	–
Pressure limiter for decreasing pressure	–	–	–	•	–	(•)	(•)	–
Differential-pressure switch	–	–	–	–	–	–	–	•
Switching difference fixed	•	–	–	•	•	–	–	•
Switching difference adjustable	–	•	•	–	–	•	•	–
Aggressive media	–	–	•	–	•	–	•	–
Certification								
VdTÜV 100	–	•	•	•	•	•	•	–
EN 12952-11, EN 12953-9	–	•	•	•	•	•	•	–
Germanischer Lloyd	–	•	•	•	•	–	–	–
Lloyds Register	–	•	•	•	•	–	–	–
SIL 2	–	•	•	•	•	–	–	–
Output signal								
Active	–	–	–	–	–	–	–	–
Switching 250 V	•	•	•	•	•	•	•	•
Switching 24 V	•	•	•	•	•	•	•	–
Measuring element								
Brass	•	•	–	•	–	•	–	–
Stainless steel	–	–	•	–	–	–	•	•
Additional information								

(•) depends on approbation

Data capture

Temperature sensors



Type designation	EGT 130	EGT 330...335, 430	EGT 386, 388, 486, 686, 688	EGT 301, 401, 601	EGT 353...356, 456, 554, 654	EGT 346...348, 392, 446, 447, 646, 647	EGT 311, 411, 611	EGS 100
Place of installation								
Pipe/duct	-	-	-	-	•	•	•	-
Room	•	•	•	-	•	-	-	•
Outside temperature	-	-	-	•	-	-	-	-
Design								
Surface-mounted	•	•	-	•	-	-	-	-
Recessed	-	-	•	-	-	-	-	-
Built-in / rod	-	-	-	-	-	•	-	-
Clamp-on temperature sensor	-	-	-	-	-	-	•	-
Cable	-	-	-	-	•	-	-	-
Setpoint adjusters	-	•	•	-	-	-	-	-
Output signal								
Active	•	-	-	•	-	•	•	-
Passive	-	•	•	•	•	•	•	•
Measuring element								
Ni 200 / 500	-	-/•	-	-	•/-	•/-	•/-	-
Ni 1000	-	•	•	•	•	•	•	•
Ni 1000TK5000	-	-	-	•	•	•	•	-
Pt 100	-	•	-	-	•	•	-	-
Pt 1000	-	•	•	•	•	•	-	-
NTC 10k / 22k	•/-	-	•/-	•/-	•/•	•/-	•/-	•/•
Additional information								

Humidistats and humidity sensors



Type designation	HSC 120	HSC 101	HBC	EGH 120, 130	EGH 681	EGH 110...112	EGE 112	EGH 102	EGH 103
Place of installation									
Pipe/duct	-	-	•	-	-	•	•	•	•
Room	•	-	-	•	•	-	-	-	-
Design									
Surface-mounted	•	-	-	•	-	-	-	-	-
Recessed	-	-	-	-	•	-	-	-	-
Built-in / rod	-	•	•	-	-	•	•	-	-
Clamp-on temperature sensor	-	-	-	-	-	-	-	•	•
Setpoint adjusters	•	•	•	-	-	-	-	-	-
Output signal									
Active	-	-	-	•	•	•	•	•	-
Switching	•	•	•	-	-	-	-	•	•
Variable									
Temperature	-	-	-	•	•	•	•	-	-
Relative humidity	•	•	•	•	•	•	-	-	-
Enthalpy	-	-	-	-	-	-	•	-	-
Dew point	-	-	-	-	-	-	-	•	•
Additional information									

Air quality sensors



Type designation	EGH 220, 222	EGQ 120	EGQ 281	EGQ 212	EGQ 110
Place of installation					
Pipe/duct	-	-	-	•	•
Room	•	•	•	-	-
Design					
Surface-mounted	•	•	-	-	-
Recessed	-	-	•	-	-
Built-in/rod	-	-	-	•	•
Output signal					
Active	•	•	•	•	•
Variable					
Temperature	•	-	-	•	-
Relative humidity	-	-	-	-	-
CO ₂	•	-	•	•	-
VOC	-	•	-	-	•
Pressure	-	-	-	-	-
Differential pressure	-	-	-	-	-
Additional information					

Pressure and other variables



Type designation	DSU, DSI	DSDU, DSDI	EGP 100	CRP 510	XAFP 100	SVU 100	SGU 100
Place of installation							
Pipe/duct	•	•	•	-	•	-	-
Laboratory/clean room	-	-	•	•	-	-	-
Fume cupboard	-	-	-	-	-	•	•
Design							
Surface-mounted	-	-	•	-	-	-	-
Recessed	-	-	-	•	-	-	-
Built-in/rod	•	•	-	-	•	•	•
Display	-	-	•	•	-	-	-
Output signal							
Active	•	•	•	•	-	•	•
Switching	-	-	-	•	-	-	•
Variable							
Temperature	-	-	-	•	-	-	-
Relative humidity	-	-	-	-	-	-	-
Pressure	•	-	-	-	-	-	-
Differential pressure	-	•	•	•	•	-	-
Volume flow	-	-	-	-	-	•	-
Position	-	-	-	-	-	-	•
Additional information				On request			