

SUNTRACER KNX WEATHER STATIONS

							
NAME	SUNTRACER KNX pro	SUNTRACER KNX sl	SUNTRACER KNX-GPS	SUNTRACER KNX sl light	SUNTRACER KNX-GPS light	SUNTRACER KNX sl basic	SUNTRACER KNX basic
Temperature measurement, 4 threshold values	✓	✓	✓	✓	✓	✓	✓
Air humidity measurement, 4 threshold values, dew point calculation	✓	–	–	–	–	–	–
Wind speed measurement, threshold values	✓ (4)	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)
Wind direction measurement, 4 areas	✓	–	–	–	–	–	–
Brightness measurement (threshold values twilight/day)	✓ (4/8)	✓ (4/4)	✓ (3/4)	✓ (4/4)	✓ (3/3)	✓ (4/4)	✓ (3/3)
Precipitation recognition	✓	✓	✓	✓	✓	✓	✓
Air pressure measurement, 4 threshold values		✓	–	–	–	–	–
Integration of external KNX sensors in facades automation (indoor/outdoor temperature, brightness, pyranometer, wind)	✓	✓	–	✓	–	–	–
Calculation of the position of the sun	✓	✓	✓	✓	✓	–	–
Shading control	✓ (12 facades)	✓ (8 facades)	✓ (6 facades)	✓ (5 facades)	✓ (5 facades)	–	–
Tracking of the slats and shadow edge	✓	✓	✓	–	–	–	–
Delay times can be set (shading, threshold values) via communication objects	✓	✓	✓	✓	–	✓	–
Blocking function for linkage and threshold value outputs	✓	✓	✓	✓	–	✓	–
Output of status informations about facades in plain language (14 Byte), facade simulation for commissioning	✓	✓	–	✓	–	–	–
Calendar time switch, week time switch, date/time	✓ (GPS)	✓ (GPS)	✓ (GPS)	✓ (GPS)	✓ (GPS)	–	–
Output of position coordinates	✓	✓	✓	✓	–	–	–
8 AND and 8 OR logic gates (4 inputs each) (Number of 1-bit objects per input)	✓ (16)	✓ (16)	✓ (16)	✓ (16)	✓ (8)	✓ (8)	
8 multifunctional modules (calculators)	✓	✓	–	✓	–	✓	–
Heat protection (at high outdoor temperature)	✓	✓	✓	✓	–	✓	–
Frost protection (in case of precipitation at low outdoor temperature)	✓	✓	–	✓	–	✓	–
Summer compensation for cooling		✓	–	✓	–	–	–