








# 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	✓	✓	–	✓	–	–	–