

# KNX WEATHER STATIONS with wind/rain sensors

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	P04-KNX-GPS	KNX LW sl	KNX LW	KNX RW sl	KNX RW	KNX W sl	KNX W	KNX R sl
Item number	70900	70154	3093	70155	3090, 3094	70156	3095, 3096	71230	70164	70128, 70129	70162	70126, 70127	70158	70122, 70123	70165
Temperature measurement (threshold values)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓	-	-	-	-	-	-	-
Air humidity measurement, 4 threshold values, dew point calculation	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind speed measurement (threshold values)	✓(4)	✓(3)	✓(3)	✓(3)	✓(3)	✓(3)	✓(3)	✓(none)	✓(4)	✓(3)	✓(4)	✓(3)	✓(4)	✓(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)	✓(none)	✓(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)	-	-	date & time only	-	-	-	-	-	-	-
Output of position coordinates	✓	✓	✓	✓	-	-	-	✓	-	-	-	-	-	-	-
AND and OR logic gates, 4 inputs each (number of 1-bit objects)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (8)	8 AND, 8 OR (8)	8 AND, 8 OR (8)	-	8 AND, 8 OR (16)	8 AND, 8 OR (8)	8 AND, 8 OR (16)	8 AND, 8 OR (8)	8 AND, 8 OR (16)	8 AND, 8 OR (8)	4 AND, 4 OR (16)
8 multifunctional modules (calculators)	✓	✓	-	✓	-	✓	-	-	✓	-	✓	-	✓	-	-
Heat protection (at high outdoor temperature)	✓	✓	✓	✓	-	✓	-	-	-	-	-	-	-	-	-
Frost protection (in case of precipitation at low outdoor temperature)	✓	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-
Summer compensation for cooling	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-