

KNX OUTDOOR SENSORS & WEATHER STATIONS

NAME	SUNTRACER KNX pro 70900	SUNTRACER KNX sl 70154	SUNTRACER KNX-GPS 3093	SUNTRACER KNX sl light 70155	SUNTRACER KNX-GPS light 3090, 3094	SUNTRACER KNX sl basic 70156	SUNTRACER KNX basic 3095, 3096	KNX LW sl 70164	KNX LW 70128, 70129	KNX RW sl 70162	KNX RW 70126, 70127	KNX W sl 70158	KNX W 70122, 70123	KNX R sl 70165	VARI KNX 3L 70382	VARI KNX 3L-T 70383	VARI KNX 3L-TH 70384	VARI KNX TH 70386	VARI KNX T 70385	VARI KNX TH-D 70388	VARI KNX 3L-TH-D 70389	VARI KNX 3L-TH-D-GPS 70390
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)	✓(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)	✓(4/4)	✓(3/3)	-	-	-	-	-	✓(4/4)	✓(4/4)	✓(4/4)	-	-	-	✓(4/4)	✓(4/4)
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	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
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 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 OR (16)	8 AND, 8 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	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓