



















# KNX WEATHER STATIONS with wind/rain sensors



																		
NAME	SUNTRACER KNX pro	SUNTRACER KNX sl	SUNTRACER KNX-GPS	WINDANCER KNX-GPS	SUNTRACER KNX sl light	SUNTRACER KNX-GPS light	SUNTRACER KNX sl basic	SUNTRACER KNX basic	WINDANCER KNX	P04-KNX-GPS	KNX LW sl	KNX LW	KNX RW sl	KNX RW	KNX W sl	KNX W	KNX R sl	BX8 KNX
Item number	70900	70154	3093	71236	70155	3094	70156	3096	71235	71230	70164	70129	70162	70127	70158	70123	70165	71240
Temperature measurement (threshold values)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓(4)	✓	-	-	-	-	-	-	-	-
Air humidity measurement, 4 threshold values, dew point calculation	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind speed measurement (threshold values)	electronic (4)	electronic (4)	electronic (3)	mechanical (3)	electronic (4)	electronic (3)	electronic (4)	electronic (3)	mechanical (3)	electronic (-)	electronic (4)	electronic (3)	electronic (4)	electronic (3)	electronic (4)	electronic (3)	-	-
Live monitoring (via wind)	✓	✓	-	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-
Wind direction measurement, 4 areas	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brightness measurement (threshold values twilight/day)	✓(4/8)	✓(4/4)	✓(3/4)	✓(3/4)	✓(4/4)	✓(3/3)	✓(4/4)	✓(3/3)	✓(3/3x3)	✓(none)	✓(4/4)	✓(3/3)	-	-	-	-	-	-
Precipitation recognition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	-	-	✓	-
Air pressure measurement, 4 threshold values	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Date/Time	✓(GPS)	✓(GPS)	✓(GPS)	✓(GPS)	✓(GPS)	✓(GPS)	-	-	-	✓(GPS)	-	-	-	-	-	-	-	-
Output of the location coordinates	✓	✓	✓	✓	✓	-	-	-	-	✓	-	-	-	-	-	-	-	-
Integration of further KNX sensors in façade automation (indoor/outdoor temperature, brightness, pyranometer, wind)	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓
Calculation of the position of the sun	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
Shading control (number of façades)	✓(12)	✓(8)	✓(6)	✓(8)	✓(5)	✓(5)	-	-	-	-	-	-	-	-	-	-	-	✓(8)
Slat tracking, Shadow edge function	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
Delay times (shading, limit values) can be set via objects	✓	✓	✓	✓	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	✓
Blocking function for linkage and threshold value outputs	✓	✓	✓	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
Façade status output (plain text, 14 bytes), simulation for commissioning	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓
Week/calendar timer	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	✓
AND/OR logic, 4 inputs each (1-bit objects)	8/8 (16)	8/8 (16)	8/8 (16)	6/6 (16)	8/8 (16)	8/8 (8)	8/8 (16)	8/8 (8)	6/6 (16)	-	8/8 (16)	8/8 (8)	8/8 (16)	8/8 (8)	8/8 (16)	8/8 (8)	8/8 (8)	4/4 (16)
8 multifunctional modules (calculator)	✓	✓	-	-	✓	-	✓	-	-	-	✓	-	✓	-	✓	-	-	-
Heat protection function (at high outside temperatures)	✓	✓	✓	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-	✓
Frost protection function (for precipitation at low outside temperatures)	✓	✓	-	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	✓
Summer compensation for cooling systems	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-