

KNX NON-STANDARD DATAPPOINT TYPE DESCRIPTION FORM

Use one form for each used non-standard DPT

Format definition

Format:	8-Bit:N ₈
octet nr.	1
field names	a
encoding	NNNNNNNN
octet nr.	
field names	
encoding	

Datapoint Types		
ID:	Name:	Description
	<u>DPT natural ventilation status</u>	

Field names	Description	Encoding	Unit	Range	Resolution:
a	0: Uninitialised 1: Closed 2: Closed, all data missing 3: Closed, bad weather 4: Closed, only weather data missing 5: Closed, warm outdoor conditions 6: Closed, low indoor temperature 7: Hand only 8: Hand only, input data missing 9: Hand only, warm outdoor conditions 10: Pulse ventilation 11: Pulse ventilation, warm outdoor conditions 12: Temperature controlled 13: Night cooling 14: Ventilate control			[0 ... 14]	

Add additional rows or remove rows as many as used in the non-standard DPT. Remove unused rows.

Communication

Access Type					
◆ Input					
N → this	<input type="checkbox"/>	1 → this	<input type="checkbox"/>		
Spontaneous	<input type="checkbox"/>	Cyclically:	<input type="checkbox"/>	Time-out:	
Request	<input type="checkbox"/>	Polling:	<input type="checkbox"/>	Period:	
◆ Output					
this → M	<input checked="" type="checkbox"/>	this → 1	<input type="checkbox"/>		
Spontaneous	<input checked="" type="checkbox"/>	COV:	<input type="checkbox"/>	Δ-Value:	Min repetition time:
		Cyclic	<input checked="" type="checkbox"/>	Period:	
Request	<input type="checkbox"/>				

Provide additional encoding information in clear text:

The intention of the data point type “DPT_natural_ventilation_status” is to communicate the status of a natural ventilation controller.

This information is status or service information and are used and examined by commissioning personnel during installation or used by visualisation systems for supervision purpose.

Is the information, communicated via this non-standard DPT, in part or in total also available in other DPs that use standard DPTs? Please describe for each field specified above and provide appropriate reference.

Not that we are aware of.

Motivation

Justification of approval of DPT by the Certification Department

(This field is reserved for the Certification Department)