

IEC 61850 User Feedback Task Force - Improvement #6737

Amending TGSN LN class with signal characteristics

03/18/2024 04:57 AM - Michael Haecker

Status: Resolved	Start date: 03/18/2024
Priority: Normal	Due date: 04/09/2024
Category: Standard extension required	% Done: 0%
Target version:	Estimated time: 0.00 hour
ID:	To discuss in WG10: No
Source:	Short Proposal: Accept
TF Unique ID:	Standard(s): IEC 61850-90-29
WG10 Proposal:	Needs More Information: No
Estimated Completion:	Assigned TF: 61850-90-29 - Physical resource management
Discuss in Upcoming Meeting: No	
Description	
The model of a generic sensor does not provide characteristics about the analogue signal type which is used to receive the sensor value.	
TC57/WG18 are proposing to amend the model with a setting to state the analogue signal type.	
Proposal descriptions	
Add an enumerate setting to address	
<ul style="list-style-type: none">- all typical current values (0 ... 20 mA, e.g.) including life zero signals (4 ... 20 mA, e.g.)- all typical voltage values (10 ... 0 ... +10 V, e.g.)	
PT100	
<ul style="list-style-type: none">- Thermistors (RTD)	

History

#1 - 03/27/2024 02:44 AM - Michael Haecker

The proposed setting name could be something like 'SnsTyp'.

Also applicable for the TTMP LN class.

#2 - 04/09/2024 08:04 AM - Carlos Rodriguez del Castillo

- Tracker changed from Bug to Feature

#3 - 04/09/2024 08:04 AM - Carlos Rodriguez del Castillo

- Tracker changed from Feature to Improvement

#4 - 04/09/2024 08:10 AM - Carlos Rodriguez del Castillo

- Due date set to 04/09/2024

- Status changed from New to Resolved

- Discuss in Upcoming Meeting changed from Yes to No

- Short Proposal set to Accept

- Standard(s) set to IEC 61850-90-29

- Assigned TF 61850-90-29 - Physical resource management added

- Assigned TF deleted (None)

90-29 will create an extension of TGSN and will propose to include in future IEC 61850-7-4 ed3.