



The programmable fieldbus controller for LONWORKS is an expansion of the WAGO-I/O-SYSTEM.

Programming of the application is done with WAGO-I/O-PRO 32 in accordance with IEC 61131-3. The programmer can access all fieldbus and I/O data.

Features and operation:

In addition to the Neuron chip the LONWORKS Controller has a host processor (40 MHz) that can be programmed with WAGO-I/O-PRO 32.

All available types of modules up to 248 digital or 124 analog inputs/outputs as well as modules with special functions can be addressed and handled using the WAGO-I/O-PRO 32 generated program.

The Neuron chip connection is made through IEC 61131-3 variables with special addresses. With TOPLON® PRIO, that supports the LNS Plug-in standard, these variables can be read and assigned to a maximum of 52 network variables. To each of these network variables any SNVT can be assigned.

The TOPLON® PRIO Plug-in supports all the SNVTs of the LONMARK® SNVT Master List (data length 1-31 bytes). The network variables can be assigned to any SNVT ensuring the best possible interoperability between WAGO LON products and LONMARK products of other manufacturers.

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Description	Item-No.	Pack.-unit pcs	System Data	
Programmable LONWORKS® Fieldbus Controller	750-819	1	No. of nodes	64 without repeater
				127 with repeater
			Transmission medium	Twisted pair - FIT
			Max. length of fieldbus segment	500 m (free topology) 2700 m (bus topology)
			Topology	in accordance with LON specification
			Baud rate	78 kbps
			Fieldbus connection	2-pole male connector, series 231 (MCS) female connector (231-302) is included
			Programming	WAGO-I/O-PRO 32
			IEC 61131-3	IL, LD, FBD, ST, FC

