

SIEMENS



# LOGO! 8

## Simply ingenious. Simply more.

The logic module

And now it's even better. In addition to the familiar, easy operation in single mode, LOGO! Soft Comfort V8 now has a brand-new feature – brilliantly simple operation in network mode. Automatic configuration of communication displayed in the network view, the ability to open as many as three programs at once, and the use of drag & drop to easily transfer signals from one program to another – these are just a few of the many new, user-friendly options.

**Remote communication via the cellular wireless network**

- And completely new – text message communication for alerts and remote control via cell phone using the LOGO! CMR module
- Text messaging for active automatic alerts regarding system states
- Position recognition and tracking via GPS, can be used for cost-effective container tracking and position reporting via text message to a control center
- CMR can exchange data with LOGO! 8, send text messages independently, read control commands from text messages, introduce them to LOGO! 8, and even synchronize to local time worldwide



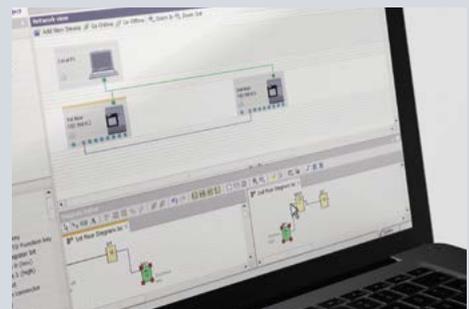
**New text display**

- New LOGO! TDE with two Ethernet interfaces
- Same mounting dimensions as before
- Thanks to the Ethernet connection, there is no longer a 10 m limitation of the distance to LOGO!
- Improved display with six lines and 20 characters per line means more than twice as many characters as before are now available for messages in plaintext
- As with the LOGO! display, the new TDE offers selectable white, orange, and red backlighting for optical highlighting, etc.



**New software in a new design**

- Familiar, easy operation in single mode and – brand-new – incredibly simple configuration in network mode
- Intuitive program creation and configuration of the many features, quick and easy interconnection by mouse-click
- Automatic configuration of communication and display in network view
- Up to three programs can be displayed side-by-side; drag and drop can be used to easily drag signals from one program to another
- Smooth migration of programs from previous versions



**“Mr. Automation – that’s me”**

Heribert Heitmeier is a trout farmer from Paderborn, Germany. He uses LOGO! 8 to control his aerators and automatic feeders and thus save energy costs.



# LOGO! 8 – Small is beautiful

The launch of LOGO! 8 marks the next generation of the successful Siemens logic module. This new module meets virtually all customer demands with simplified handling, a new display, and full communication options via Ethernet. And it makes the web server application exceedingly simple. A communication module provides for remote communication via cellular phone networks, rounding off the range of new ways to use LOGO!



## The new generation of logic modules

- Eight basic units for all voltages, with or without display
- All units come with an Ethernet interface, but are still slim like LOGO! 6 (4 WM) and connections are, of course, compatible with previous versions
- Integrated web server in all basic units
- Display features a new look and feel
- Seven digital modules and three analog modules
- Number of digital outputs increased to 20 and analog outputs to eight



## Display with a new look and feel

- A new six-line display with 16 characters per line means twice as many characters per message, making it possible to clearly formulate texts
- Display with clear operator information and fewer abbreviations for more legible message texts and status information, easy-to-understand input options and more sophisticated diagnostic options via the display
- Choice of white, orange, and red backlighting for many new options, such as the highlighting of alarm statuses, for example



## Ethernet for everybody and everything – new standard with LOGO! 8

- Integrated Ethernet interface for the entire LOGO! 8 product family. This makes it possible for LOGO! modules to communicate with each other and with all SIMATIC S7 systems via Ethernet
- The Ethernet interface eliminates the need for additional cables for programming or for the TDE; only the standard Ethernet cable is required
- With the LOGO! CSM add-on module as an Ethernet 4-port switch expanding the Ethernet interfaces, small local Ethernet networks can also be implemented in a cost-effective manner



## Integrated web server – it couldn't be easier

- Integrated web server in all basic units for monitoring and control with LOGO! via WLAN and the Internet; password-protected and suitable for all conventional browsers
- The web server is easy to configure via mouse click in the software – absolutely no HTML programming knowledge required
- Users can select the desired display options to match the LOGO! display or the TDE display. Check a box for the web server – done! LOGO! 8 is able to be operated via smartphone, tablet, or PC with the same look and feel as the LOGO! 8 or TDE display; LOGO! 8 router connection required

## Ordering data

Designation	Power supply	DI <sup>1)</sup>	DQ <sup>2)</sup>	AI <sup>3)</sup>	Outputs	Article No.
<b>LOGO! 8 basic units</b>						
<b>LOGO! 8 Basic with 6-line LCD display and cursor keys, Ethernet interface</b>						
LOGO! 24 CE	24 V DC	8, of which 4 can be used as AI (0...10 V)	4	Up to 4 (0...10 V)	0.3 A transistor	6ED1052-1CC01-0BA8
LOGO! 12/24 RCE	12...24 V DC	8, of which 4 can be used as AI (0...10 V)	4	Up to 4 (0...10 V)	10 A relay	6ED1052-1MD00-0BA8
LOGO! 24 RCE	24 V AC/DC	8	4	–	10 A relay	6ED1052-1HB00-0BA8
LOGO! 230 RCE	115...230 V AC/DC	8	4	–	10 A relay	6ED1052-1FB00-0BA8



## Ordering data

Designation	Power supply	DI <sup>1)</sup>	DQ <sup>2)</sup>	AI <sup>3)</sup>	Outputs	Article No.
<b>LOGO! 8 basic units</b>						
<b>LOGO! 8 Pure without LCD display and without cursor keys, Ethernet interface</b>						
LOGO! 24 CEo	24 V DC	8, of which 4 can be used as AI (0...10 V)	4	Up to 4 (0...10 V)	0.3 A transistor	6ED1052-2CC01-0BA8
LOGO! 12/24 RCEo	12...24 V DC	8, of which 4 can be used as AI (0...10 V)	4	Up to 4 (0...10 V)	10 A relay	6ED1052-2MD00-0BA8
LOGO! 24 RCEo	24 V AC/DC	8	4	–	10 A relay	6ED1052-2HB00-0BA8
LOGO! 230 RCEo	115...230 V AC/DC	8	4	–	10 A relay	6ED1052-2FB00-0BA8

## Ordering data

Designation	Power supply	DI <sup>1)</sup>	DQ <sup>2)</sup>	AI <sup>3)</sup>	Outputs	Article No.
<b>LOGO! 8 expansion modules</b>						
<b>Digital I/O expansion modules</b>						
LOGO! DM8 24, Transistor DA	24 V DC	4	4	–	0.3 A	6ED1055-1CB00-0BA2
LOGO! DM8 12/24 R	12...24 V DC	4	4	–	5 A relay	6ED1055-1MB00-0BA2
LOGO! DM8 24 R	24 V AC/DC	4	4	–	5 A relay	6ED1055-1HB00-0BA2
LOGO! DM8 230 R	115...230 V AC/DC	4	4	–	5 A relay	6ED1055-1FB00-0BA2
LOGO! DM16 24, Transistor DA	24 V DC	8	8	–	0.3 A	6ED1055-1CB10-0BA2
LOGO! DM16 24 R	24 V DC	8	8	–	5 A relay	6ED1055-1NB10-0BA2
LOGO! DM16 230 R	115...230 V AC/DC	8	8	–	5 A relay	6ED1055-1FB10-0BA2

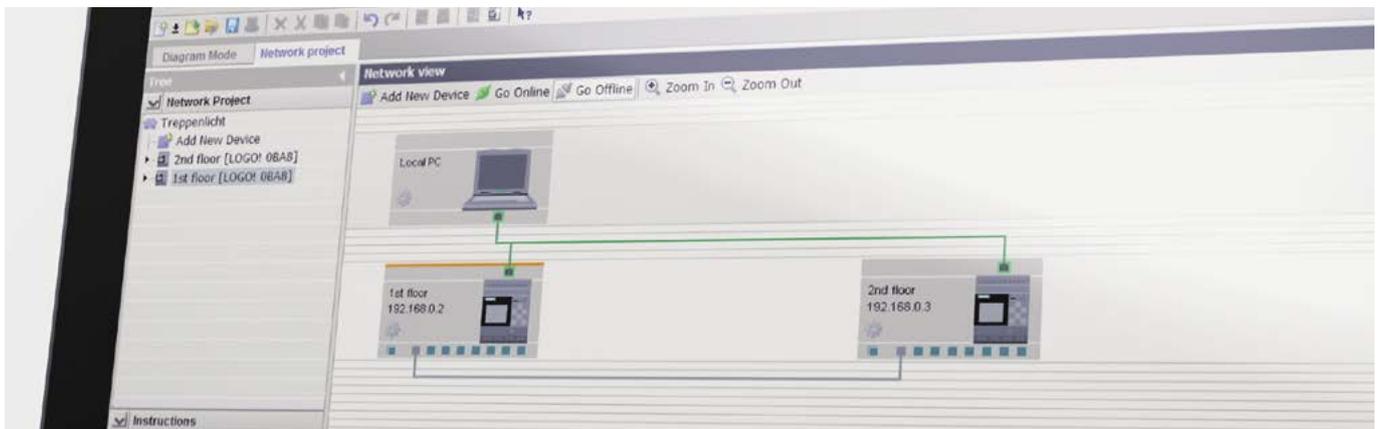


## Ordering data

Designation	Power supply	DI <sup>1)</sup>	DQ <sup>2)</sup>	AI <sup>3)</sup>	Outputs	Article No.
<b>LOGO! 8 expansion modules</b>						
<b>Analog expansion modules</b>						
LOGO! AM2 0...10 V or 0/4...20 mA	12...24 V DC	10-bit resolution	–	2	–	6ED1055-1MA00-0BA2
LOGO! AM2 RTD –50...200 °C, 2/3-wire (Pt100/1000)	12...24 V DC	0.25 °C resolution	–	2	–	6ED1055-1MD00-0BA2
LOGO! AM2 AQ with 2 AQ <sup>4)</sup>	24 V DC	10-bit resolution	–	–	0...10 V DC / 0/4...20 mA	6ED1055-1MM00-0BA2
<b>Communication and networking</b>						
LOGO! CSM 12/24	12...24 V DC				4x RJ45 Port Ethernet Switches	6GK7177-1MA20-0AA0
LOGO! CMR 2020	Communication module for connection to GSM/GPRS					6GK7142-7BX00-0AX0
LOGO! CMR 2040	Communication module for connection to GSM/GPRS/UMTS/LTE					6GK7142-7EX00-0AX0

## Ordering data

Designation	Description	Article No.
<b>LOGO! 8 Software</b>		
LOGO! Soft Comfort V8	for Windows 8, 7, XP, Linux and Mac OS X; on DVD, backward compatible	6ED1058-0BA08-0YA1
LOGO! Soft Comfort V8 Upgrade	Upgrade to LOGO! Soft Comfort V8, on DVD	6ED1058-0CA08-0YE1
<b>LOGO! 8 Text Display HMI</b>		
LOGO! TDE Text Display		6ED1055-4MH00-0BA1



## Ordering data

Designation	Description	Article No.
<b>LOGO! 8 Power Supplies</b>		
LOGO! Power	for converting the line voltage of 85/240 V AC / 110...300 V DC to operating voltages of 12 V DC and 24 V DC	
LOGO! Power 24 V / 1.3 A	54 mm wide	6EP1331-1SH03
LOGO! Power 24 V / 2.5 A	72 mm wide	6EP1332-1SH43
LOGO! Power 24 V / 4 A	90 mm wide	6EP1332-1SH52
LOGO! Power 12 V / 1.9 A	54 mm wide	6EP1321-1SH03
LOGO! Power 12 V / 4.5 A	72 mm wide	6EP1322-1SH03

## Ordering data

Designation	Description	Article No.
<b>LOGO! 8 Starter Kits</b>		
	In Tanos Box with: LOGO! 8, LOGO! Soft Comfort V8, WinCC Basic V13, Ethernet cable	
LOGO! 8 12/24 V Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1.3 A	<b>6ED1057-3BA00-0AA8</b>
LOGO! 8 230 V Starter Kit	LOGO! 230 RCE	<b>6ED1057-3BA02-0AA8</b>
LOGO! 8 TDE Starter Kit	LOGO! 12/24 RCEo, LOGO! Power 24 V, 1.3 A, LOGO! TDE	<b>6ED1057-3BA10-0AA8</b>
LOGO! 8 12/24 V + KP300 Basic Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1.3 A, SIMATIC HMI KP300 Basic mono PN	<b>6AV2132-0HA00-0AA1</b>
LOGO! 8 12/24 V + KTP400 Basic Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1.3 A, SIMATIC HMI KTP400 Basic	<b>6AV2132-0KA00-0AA1</b>
LOGO! 8 12/24 V + KTP700 Basic Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1.3 A, SIMATIC HMI KTP700 Basic	<b>6AV2132-3GB00-0AA1</b>



**Stephan Libera, member of Volunteer Fire Department in Hanover, Germany, and LOGO! fan**

Stephan Libera relies on LOGO! 8 for light control during simulated training situations in the fire exercise facility of the Hanover Fire Department.



**Daniel Miehling, homeowner and LOGO! fan**

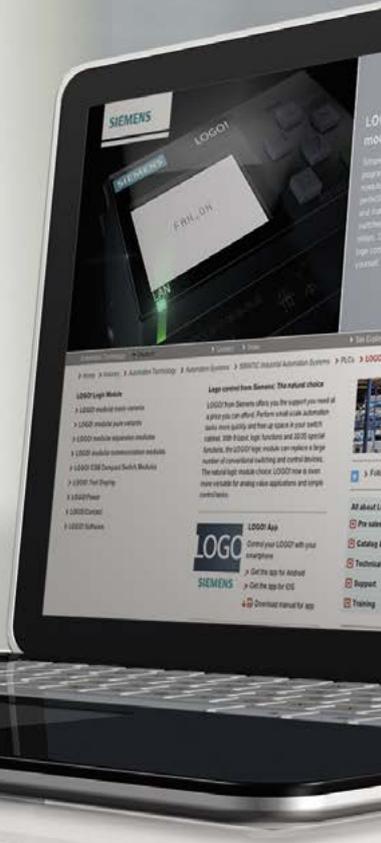
Daniel Miehling relies on LOGO! 8 for convenience and safety in the home, from the automatic control of blinds and lights to presence simulation.

Find out more:  
[siemens.com/logo](http://siemens.com/logo)

## Discover LOGO! 8

- LOGO! product portfolio
- LOGO! references
- LOGO! app
- GO! customer magazine
- ...and much more

LOGO! 8 –  
at a glance!



Subject to change without prior notice  
Article No. E20001-A2170-P271-V1-7600  
Dispo 06313  
170/65944 WS 031510.  
Printed in Germany  
© Siemens AG 2015

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

All product designations may be trademarks or product names of Siemens AG or supplier companies whose use by third parties for their own purposes could violate the rights of the owners.

Follow us on:  
[twitter.com/siemensindustry](https://twitter.com/siemensindustry)  
[youtube.com/siemens](https://youtube.com/siemens)

Siemens AG  
Digital Factory  
P.O. Box 48 48  
90026 Nuremberg  
Germany