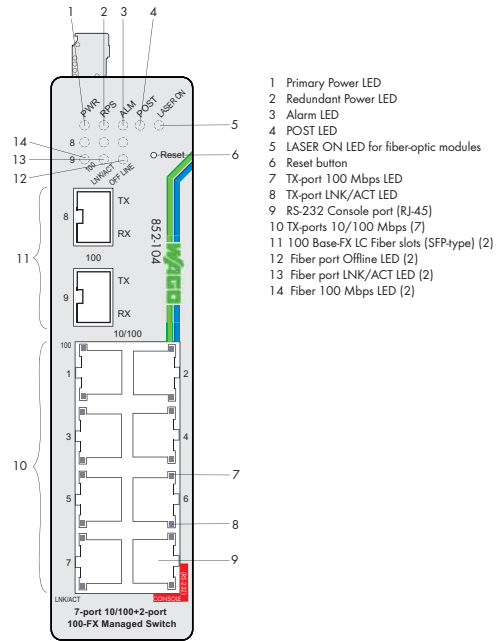


7-Port 100BASE-TX + 2-Slot 100BASE-FX Industrial Managed Switch **WAGO**



The 852-104 Industrial Switch is a 7-port 10/100Base-TX with dual SFP 100Base-FX port (SFP modules are optional) configurable ETHERNET switch. The switch has a rugged housing, a redundant power supply and function monitoring with relay. These functions along with extensive ETHERNET switch options make it ideal for a wide range of applications.

Features:

- Web-based/SNMP management
- Redundant DC power supply
- Large supply voltage range: 9 V ... 48 V

- DIP switch to enable alarm functions
- Full compliance with IEEE802.3, 802.3u, 802.3x, 802.1d, 802.1q, 802.1p standards
- Xpress Ring (redundant ring recovery < 50 ms)
- Non-blocking, store-and-forward switching
- Auto-negotiation on all 10/100Base-TX ports
- Auto-MDI/MDIX (crossover) on all 10/100Base-TX ports
- VLAN (802.1q) VID
- IGMP Snooping for multicast filtering
- Port configuration, status, statistics
- Port Trunking
- SNMP v1/v2 and RMON

Description	Item No.	Pack. Unit
7/2-Port 100BASE-TX/FX Industrial Managed Switch	852-104	1
7/2-Port 100BASE-TX/FX Industrial Managed Switch T	852-104/040-000	1
Extended temperature range: -40 °C ... +70 °C		
Accessories	Item No.	
SFP Module 2: 1310nm, 100Base-FX Multi-mode LC, 2 km	852-201/107-002	
SFP Module 30: 1310nm, 100Base-FX Single-mode LC, 30 km	852-201/107-030	
SFP Module 2 T: 1310nm, 100Base-FX, Multi-mode, LC, 2 km, (Extended temperature range: -40 °C ... +70 °C)	852-201/040-002	
Approvals		
Conformity marking	CE	
Korea Certification	K	
UL 508	to 60 °C (852-104/040-000)	
Technical Data		
Operating temperature	0 °C ... +60 °C (852-104)	
	-40 °C ... +70 °C (852-104/040-000)	
Storage temperature	-20 °C ... +80 °C (852-104)	
	-40 °C ... +85 °C (852-104/040-000)	
Relative air humidity (no condensation)	95 %	
Dimensions (mm) W x H x L	50 x 120 x 162	
	Height from upper-edge of DIN 35 rail	
Weight	1050 g	

Technical Data	
Ports	7 x 10/100Base-TX (RJ-45); 2 x SFP 100Base-FX Fiber; 1 x RS-232 (RJ-45)
Standards	IEEE 802.3u 100Base-TX/FX; IEEE 802.3ad Port Trunking; IEEE 802.3 10Base-T; IEEE 802.1d Spanning Tree Protocol; IEEE 802.3x Flow Control; IEEE 802.1p Priority Queues; IEEE 802.1q VLAN Tagging
MAC table	Up to 2K addresses
VLANs	Port-based and Tag-based (64VIDs)
Throughputs	14,880/148,800 packets per second (pps) to 10/100 Mbps ports
Wavelength (optical fibers)	depend on SFP module
Maximum length	10/100Base-TX: 100 m; Fiber optic: up to 30 km; RS-232: 15 m
Supply voltage	9 V ... 48 V DC (line length < 3 m)
Energy consumption max.	10.08 W
Energy consumption typ. (24 V)	8.4 W
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP30
EMC immunity of interference	acc. to EN 61000-6-2
EMC emission of interference	acc. to EN 61000-6-4