

CERTIFICATE

Certificate Id: 2PAA103971_Weidmuller_IE-SWx-M

Category:	Managed Switch
Product Name:	IE-SW6/2ST-M, IE-SW16-M, IE-SW24
Software Version:	Software Version 5.1.8
Hardware Version:	-
Vendor:	Weidmüller Interface GmbH & Co KG
Certification Test Report:	3BSE054945
Certification reference:	System 800xA Version 4.x, 5x
Restrictions:	-

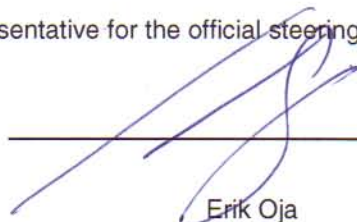
The certificate states that the product specified above has passed the test towards the specified integration category. The certification has been performed by an official certification center, approved by the official steering body for the Industrial IT Certification.

The basis for the certificate is documented according to the Industrial IT Certification – Document Number 3BSE037356. The certificate is valid for the above mentioned Product versions until the next major release of the certified product or the certification reference system. With a major release of the certified product or the reference system, a new certification is required to keep the certificate current.

ABB AB
721 59 Vasteras, Sweden

Date: 2008-07-02

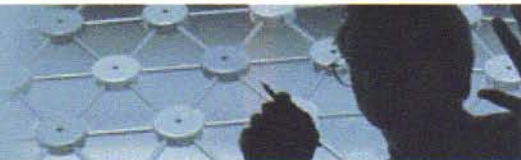
Representative for the official steering body for the Industrial IT Certification



Erik Oja

IE-SWx-M / IE-SWx

Industrial^{IT} Certification



Weidmüller 

IE-SWx-M / IE-SWx

- Managed and Unmanaged switches in rugged aluminium housing 45 mm wide
- 8 to 24 ports for industrial network.
- IP 20 class.
- Temperature range of -40°C to +75°C,
- Designed for industrial applications.



The optional multimode FO ports with SC or ST plugs ensure noise-free transmissions over distances of up to 2 km, or up to 20 km in the singlemode form with SC plugs.

Certification results and product details are summarized below:

Product Overview	
Fast Ethernet	Yes, 10/100BaseT(X) or 100BaseFX, Model dependent
Gigabit Ethernet	No
Compact Flash Interface	No.
Ring capability	Rapid Ring
Console	RS-232
System LED Indicator	Ports, Status, power and Console
Alarm Contact	One relay outputs, capacity of 1A, 24 VDC
Digital Inputs	No
Input Voltage	Dual inputs, 8-24 VAC, 10-36 VDC
Connection	Removable terminal blocks
Power Consumption	< 20 W
Casing	IP 20
Installation	DIN-rail, Wall mounting

Product Details in tested sample	
Fast Ethernet	Yes
Gigabit Ethernet	No
Supported in PNSM	Yes
Models included in test	IE-SW6/2ST-M, IE-SW16-M, IE-SW24

Engineering	
Configuration and installation	Web server or terminal interface.

IE-SWx-M / IE-SWx

Industrial^{IT} Certification



Weidmüller 

Designed for Industrial Applications

A decentralized industrial network, in most cases need a central switch in the electrical cabinet in these cases an IE-SWx-M high-performance switch is an alternative.

12 different versions of our IE-SWx-M managed switches exist: with 8, 16 and 24 ports (8/16/24 x RJ45). Each of these are optionally available with two fiber-optic ports for very long transmission sequences and/or highly electromagnetically charged environments (2 x SC and 2 x ST). SC models are also available as a single-mode version.

The Weidmüller IE-SWx-M family of switches closely supports the System 800xA Extended Automation Value Propositions as noted below:



800xA Value Proposition Mapping

✓	Reducing Time to Decision and Action - Detailed performance information can be retrieved from the management interface
✓	Engineering for Maximum Performance - High level configuration via management modules - Number of options available for different configuration needs
✓	Reducing Risk through High Integrity Automation - Adapted for Industrial Ethernet - Mechanical form factor improves lifetime
✓	Optimizing Plant Asset Availability and Performance - Modularity reduces the number of components
✓	Integrating Information for Improved Visibility - Diagnostic information available via web interface - Auxiliary contact for independent error reporting
✓	Investment Enhancement through Evolution - Continuation in product development