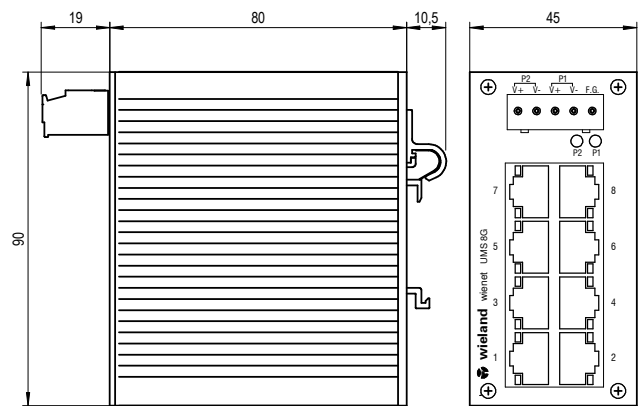



**wienet UMS 8G**

Industrial Gigabit Ethernet Switch  
8-port, unmanaged  
83.040.0106.0

- 8 Port RJ45 Gigabit Ethernet Switch
- Auto sensing
- Auto negotiation
- Auto crossing ( Auto-MDI(X) )
- Redundant power supply possible
- Supply voltage range 9 V ... 48 V DC



Dimensional diagram

**Technical Data**

wienet UMS 8G	Order No. 83.040.0106.0
<b>Ethernet</b>	
Ethernet Ports	8 x 1000Base-T(X)
Ethernet transfer rate	10/100/1000 Mbps
Ethernet connectors	8 x RJ45
Auto negotiation	yes
Auto sensing	yes
Auto crossing ( Auto-MDI(X) )	yes
Communication	Full duplex / half duplex
Ethernet Standard	IEEE 802.3, 802.3u, 802.3ab, 802.3x
Ethernet cable length (Twisted Pair)	100 m max.
Switching mode	Store-and-forward switching mode
Topology	Line, star, mesh
<b>Power supply</b>	
Redundant power supply	yes (P1, P2)
Supply voltage range	9 ... 48 V DC
Connectors	1 x 5-pin terminal block (screw terminal)
Power consumption	4.5 W max.
Input current (at 24 V DC)	350 mA
Input current max.	450 mA
<b>Ambient conditions</b>	
Operating ambient temperature	-10 °C ... +70 °C
Humidity in operation	5 ... 95 % RH (non-condensing)
Storage temperature	-40 °C ... +85 °C
Mounting on	DIN rail 35 mm (EN60715)
Degree of protection	IP50
MTBF (hours)	tbd h

## wienet UMS 8G

### Technical Data

<b>wienet UMS 8G</b>		<b>Order No.</b>	<b>83.040.0106.0</b>
<b>Dimensions</b>			
B x H x T (see dimensional diagram)		45 mm x 90 mm x 80 mm	
<b>Weight</b>			
		ca. 255 g	
<b>Housing material</b>			
		Aluminum	
<b>Shock and Vibration</b>			
Shock		IEC60068-2-27	
Vibration		IEC60068-2-6-64	
Free Fall		IEC60068-2-32 (ISTA Test Procedure 2A)	
<b>Connectors cross section</b>			
min.	solid / stranded	0.2 mm <sup>2</sup>	(AWG28)
max.	solid / stranded	1.5 mm <sup>2</sup>	(AWG12)
Strip length		8 mm	
Torque		0.4 Nm max.	
<b>Approvals and Standards</b>			
EMV		Emission: EN55022, EN61000-3-2, EN61000-3-3 Immunity: EN55024, EN61000-4-2, EN6000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN6000-4-8, EN61000-4-11	
Safety		cULus (UL 60950-1; CSA C22.2 No. 60950-1)	
<b>Display elements (LED's)</b>			
Name	LED color	LED status	Description
P1/P2	green	○ ●	power input 1/2 disconnected or unsupplied power input 1/2 o.k.
RJ45	green	○ ≧*≦	link broken or no cable plugged data transfer
	yellow	○ ●	10 M bit rate active 100 M bit rate active
	○ = LED off, ● = LED on, ≧*≦ = LED flash		
<b>Terminal connections</b>			
1, ..., 8 (Gigabit Ethernet ports)		8 x Gigabit Ethernet (RJ45)	
P1, P2 (Redundant power supply)		P1/V+	Supply voltage P1, positive terminal
		P1/V-	Supply voltage P1, negative term.
		P2/V+	Supply voltage P2, positive terminal
		P2/V-	Supply voltage P2, negative term.
		F.G.	Ground