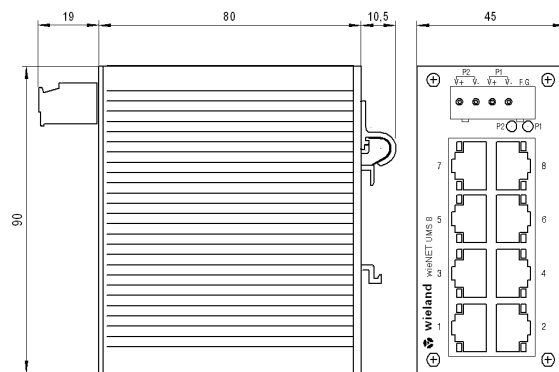


**wieNET UMS 8**

**wieNET UMS 8**  
 Industrial Ethernet Switch  
 8-port, unmanaged  
 83.040.0001.0

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



Dimension diagram wieNET UMS 8

**Technical Data**

wieNET UMS 8	Order No. 83.040.0001.0
<b>Ethernet</b>	
Ethernet ports	8 x 10/100Base-TX
Ethernet transfer rate	10/100 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 / 802.3x
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	9 . . . 48 V DC
Connectors	1x 5 pin terminal block
Power consumption	5.5 W max.
Input current (at 24 V DC)	200 mA
Input current max.	350 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	IP40
MTBF (hours)	568,842 h
<b>Dimensions</b>	
W x H x D (see Dimension diagram)	45 mm x 90 mm x 80 mm

## wieNET UMS 8

### Technical Data

<b>wieNET UMS 8</b>		<b>Order No.</b>	<b>83.040.0001.0</b>
<b>Weight</b>		approx. 270 g	
<b>Housing material</b>		Aluminum	
<b>Shock and Vibration</b>			
Shock		IEC60068-2-27 30g, 11 ms duration, 18 shocks (3 shocks for each axis)	
Vibration		IEC60068-2-64 & ISTA Test Procedure 2A	
Free fall		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		7 mm	
Torque		0.6 Nm max.	
<b>Approvals and Standards</b>			
EMC		Emission: EN55022, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003 Class A, ANSI C63.4 Immunity: 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</b>			
P1, P2	LED, green	Power input state: green = power connected off = power off or not plugged	
RJ45-LED		LED green: off: link broken or no cable plugged blink: data transfer LED yellow: off: 10 M bit rate active on: 100 M bit rate active	
<b>Terminal connections</b>			
1 . . . 8 (Ethernet ports)		8 x Ethernet (RJ45)	
P1, P2 (Redundant power supply)		F.G.	Frame Ground
		V+	Supply voltage, positive terminal (9 V . . . 48 V DC)
		V-	Supply voltage, negative terminal (0 V)