

PR0mesh U product family



Unmanaged industrial switches for reliable network connections

PR0mesh U rounds off the range with strong switch performance and is used wherever managed switches are not required.

- » for smaller networks
- » plug-and-play, simply plug in and off you go

General data	PR0mesh U3	PR0mesh U5	PR0mesh U8	PR0mesh U16
Ports	2 x 100 Mbit/s RJ45 1x 100 Mbit/s LWL MM	5 x 100 Mbit/s RJ45	8 x 100 Mbit/s RJ45	16 x 100 Mbit/s RJ45
PROFINET Conformance Class	A	A	A	A
VLAN	One Key VLAN	One Key VLAN	One Key VLAN	×
Protection rating	IP40	IP40	IP 40	IP40
Operating temperature	-40 °C up to +75 °C	-40 °C up to +75 °C	-40 °C up to +75 °C	-40 °C up to +75 °C
Voltage supply	24 VDC	24 VDC	24 VDC	24 VDC
Dimensions (W x H x D) in mm	31 x 110 x 95	28 x 103 x 78	41 x 103 x 78	53 x 138 x 110
Weight	352 g	170 g	220 g	677 g
Type of assembly	top hat rail	top hat rail	top hat rail	top hat rail
Backplane [Gbps]	1	1	1,6	3,2
Throughput [Mpps]	0,75	0,75	1,19	2,4
Shared Buffer [Mbit]	1	1	1	1
Article number	114110130	114110120	114110122	114110124

General data	PR0mesh U2-G	PR0mesh U5-G	PR0mesh U8-G
Ports	1 x 1 Gbit/s RJ45 1 x 1 Gbit/s SFP	5 x 1 Gbit/s RJ45	8 x 1 Gbit/s RJ45
PROFINET Conformance Class	A	A	A
VLAN	×	One Key VLAN	One Key VLAN
Protection rating	IP40	IP40	IP 40
Operating temperature	-40 °C up to +75 °C	-40 °C up to +75 °C	-40 °C up to +75 °C
Voltage supply	24 VDC (12-48 VDC)	24 VDC (12-48 VDC)	24 VDC (12-48 VDC)
Dimensions (W x H x D) in mm	35 x 110 x 95	28 x 103 x 78	41 x 103 x 78
Weight	343 g	450 g	550 g
Type of assembly	top hat rail	top hat rail	top hat rail
Backplane [Gbps]	18,2 Gbit/s	14 Gbit/s	16 Gbit/s
Throughput [Mpps]	3 Mpps	10,42 Mpps	10,9 Mpps
Article number	114110131	114110125	114110126