Product specification

IndüSol America – Specialist for industrial networks

SFP-Tranceiver-Modules | Technical details

Product									
Module	**100 Mbit/s 2 km MM**	**100 Mbit/s 2 km MM**	**100 Mbit/s 10 km SM**	**1 Gbit/s 550 m MM**	**1 Gbit/s 20 km SM**	**1 Gbit/s 100 m RJ45**	**2,5 Gbit/s 550 m MM**	**2,5 Gbit/s 10 km SM**	**10 Gbit/s 10km SM**
Article number	114120006	114120034	114120007	114120005	114120004	114120003	114120020	114120021	114120008
Usable for PROmesh Switch	PROmesh P10 PROmesh P10+ PROmesh P20	PROmesh B28-R PROmesh B28-RL PROmesh B12 PoE	PROmesh P10 PROmesh P10+ PROmesh P20 PROmesh B12 PoE	PROmesh P10 PROmesh P10+ PROmesh P20 PROmesh B28-R PROmesh B28-RL PROmesh B12 PoE	PROmesh P10 PROmesh P10+ PROmesh P20 PROmesh B28-R PROmesh B28-RL PROmesh B12 PoE	PROmesh P10 PROmesh P10+ PROmesh P20 PROmesh B28-R PROmesh B28-RL PROmesh B12 PoE	PROmesh P10 PROmesh P10+ PROmesh B12 PoE	PROmesh P10 PROmesh P10+ PROmesh B12 PoE	PROmesh B28-RL
Features									
Data rate	100 mbps	100 mbps	100 mbps	1 gbps	1 gbps	10/100/1000 mbps	2,5 gbps	2,5 gbps	10 gbps
Cable type	Multi Mode	Multi Mode	Single Mode	Multi Mode	Single Mode	Twisted Pair	Multi Mode	Single Mode	Single Mode
Range	2 km	2 km	10 km	550 m	20 km	100 m	550 m	10 km	10 km
Connection	LC	LC	LC	LC	LC	RJ45	LC	LC	LC
Internal interface	SGMII	SerDes	SGMII	SerDes	SerDes	SGMII	SerDes	SerDes	SerDes
External interface according to IEEE	100Base-FX	100Base-FX	100Base-LX	1000Base-SX	1000Base-LX	10Base-T, 100Base-TX, 1000Base-T	2,5GBase-FX	2,5GBase-LX	10GBase-LR
Wavelength send	1260 nm to 1360 nm	1100 nm to 1600 nm	1260 nm to 1360 nm	830 nm to 860 nm	1260 nm to 1360		1260 nm to 1360 nm	1270 nm to 1340 nm	1260 nm to 1355 nm
Wavelength receive	1260 nm to 1360 nm	1260 nm to 1360 nm	1260 nm to 1360 nm	770nm to 860 nm	1100 nm to 1600		1260 nm to 1600 nm	1260 nm to 1610 nm	1260 nm to 1355 nm
Transmitting power	-15 dBm to -8 dBm	-15 dBm to -8 dBm	-15 dBm to -8 dBm	-9,5 dBm to -4 dBm	-9 dBm to -1 dBm		-4 dBm to 0,5 dBm	-4 dBm to 0 dBm	-8,2 to 0,5 dBm
Receiving sensitivity	-31 dBm to -14 dBm	- 31 dBm to -3 dBm	-28 dBm to -8 dBm	18 dBm to 0 dBm	-23 dBm to -3 dBm		-18 dBm to -1 dBm	-20 dBm to -3 dBm	-14,4 dBm to 0,5 dBm
Storage temperature	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +100 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C
Operating temperature	0 °C to 70 °C	-40 °C to +85 °C	0 °C to 70 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +e85 °C
Laser	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1
Compliance									
CE-EMC	EN61000-6-1:2007 EN61000-6-3:2007/ A1:2011/AC:2012 EN61000-3-2:2014	EN61000-6-1:2007 EN61000-6-3:2007/ A1:2011/AC:2012 EN61000-3-2:2014	EN61000-6-1:2007 EN61000-6-3:2007/ A1:2011/AC:2012 EN61000-3-2:2014	EN61000-6-1:2007 EN61000-6-3:2007/ A1:2011/AC:2012 EN61000-3-2:2014	EN61000-6-1:2007 EN61000-6-3:2007/A1:2011/ AC:2012 EN61000-3-2:2014	EN61000-6-1:2007 EN61000-6-3:2007/ A1:2011/AC:2012 EN61000-3-2:2014	IEC61000-4-2 EN61000-4-3 EN55024/A1:2015	EN61000-6-1:2007 EN61000-6-32011 EN55022/A1:2007	EN61000-6-1:2007 EN61000-6-32011 EN55022/A1:2007
CE-LVD	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010	EN60825-1:2007 EN60825-2:2010
C-Tick	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009	AS/NZS CISPR 22:2009
RoHS	2011-65-EU	2011-65-EU	2011-65-EU	2011-65-EU	2011-65-EU	2011-65-EU	2011-65-EU	2011-65-EU	2011-65-EU
REACH	SVHC	SVHC	SVHC	SVHC	SVHC	SVHC	SVHC	SVHC	SVHC

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