

GENERAL ACCESSORIES

PROFIBUS Repeater, ETHERNET & PROFINET Switches

PROFIBUS DP-REPEATER

The ProfiHub B5 PROFIBUS-DP repeater in a IP20 casing for industrial automation, to implement long multi-device spur lines and backbone structures with star/tree segments for PROFIBUS-DP. It has the functionality of 5 galvanic isolated transparent repeaters. This allows network structures with extended spur lines that can handle a maximum of 31 devices individually and a length equal to the main bus. The ProfiHub B5 refreshes a received message

on one channel and transfers it to all the other channels. The advanced 12Mbps core of the repeater B1 is identical to the ProfiHub. It can be cascaded unlimitedly and is equipped with an isolated RS485 interface. The data is constantly monitored for glitches which are digitally filtered out. Every channel has on-board switchable termination and can drive 31 devices.



Order No.:	PROFIBUS REPEATER Technical Data	PRICE in Euro
VIPA 920-1CB50	ProfiHub B5, 5 galvanic isolated channels (repeater segments), 31 devices per channel, transparent for all PROFIBUS DP protocols (DP-V0, DP-V1, DP-V2, FDL, MPI, FMS, PROFIsafe, PROFIdrive a.s.o.), transmission speed 9.6kbps to 12Mbps (including 45.45kbps), PROFIBUS address not required, integrated termination facilities (switches), operating temperature -20 to +75°C, dimensions: 167 x 111 x 32mm, supply: 10-30 VDC, 130mA, isolation class IP 20	1.300,-
VIPA 920-1BB10	PROFIBUS Repeater B1, 1 repeater segment, 31 devices per channel, transparent for all PROFIBUS DP protocols (DP-V0, DP-V1, DP-V2, FDL, MPI, FMS, PROFIsafe, PROFIdrive a.s.o.), transmission speed 9.6kbps to 12Mbps (including 45.45kbps), PROFIBUS address not required, integrated termination facilities (switches), operating temperature -20 to +60°C, dimensions: 106 x 55 x 33mm, supply: 19-28 VDC, 65mA, isolation class IP 20	360,-



UNMANAGED ETHERNET-SWITCHES

The industrial switches EN5-R (5-Port) and EN8-R are entry-level models which support the IEEE 802.3 or 802.3x/u with 10/100M full / half duplex and MDI/MDIX recognition. They are designed for operating temperature ranges of -10° up to 60°C and can also be deployed in rough industrial environments.

Order No.:	ETHERNET SWITCHES Technical Data	PRICE in Euro
VIPA 910-1EN50	Industrial-Switch EN5-R, 5x RJ45 10/100BaseTX full / half Duplex, supports IEEE 802.3 and IEEE 802.3u/x and automatic MDI/MDI-X recognition, redundant power supply for 12-45 VDC, IP30 aluminium housing for DIN rail mounting	110,-
VIPA 910-1EN80	Industrial-Switch EN8-R, 8x RJ45 10/100BaseTX full / half Duplex, supports IEEE 802.3 and IEEE 802.3u/x and automatic MDI/MDI-X recognition, redundant power supply for 12-45 VDC, IP30 aluminium housing for DIN rail mounting	145,-



MANAGED ETHERNET-SWITCHES

The Ethernet switches PN5-RD (5-Port) and PN8-RD (8-Port) are Managed Ethernet switches with integrated PROFINET functions. This makes it easier to integrate the PN switches into PROFINET oriented engineering systems and also support a variety of useful management functions such as IGMP Snooping, IEEE802.1Q VLAN, QoS, Port mirroring, SNMP, bandwidth management and warning by e-mail or relay output.

Order No.:	PROFINET SWITCHES Technical Data	PRICE in Euro
VIPA 911-2PN50	Industrial-Switch PN5-RD, PROFINET v2 Conformance Class B, Profinet diagnosis via GSD integration, Management functions such as IGMP Snooping, IEEE 802.1Q VLAN, QoS, RMON, SNMP, Port mirroring, PROFINET I/O parameters, I/O cyclic data, DCP, DHCP, Turbo Ring and Turbo Chain (recovery time < 20 ms)	360,-
VIPA 911-2PN80	Industrial-Switch PN8-RD, PROFINET v2 Conformance Class B, Profinet diagnosis via GSD integration, Management functions such as IGMP Snooping, IEEE 802.1Q VLAN, QoS, RMON, SNMP, Port mirroring, PROFINET I/O parameters, I/O cyclic data, DCP, DHCP, Turbo Ring and Turbo Chain (recovery time < 20 ms)	545,-



All prices in euro excluding VAT