

# Hydra<sup>IP</sup> ESW1820 Ethernet Switch

## Description

Unmanaged 10 port Ethernet Switch designed and certified for use in railway and road applications.

## Article number

VPV300063 HydraIP ESW1820 Ethernet Switch (Rev. A)

## Main features

- 10 x Ethernet M12 D-coded female acc. to IEC 61076-2-101
- Quick & fast installation and mounting system
- Ingress Protection IP52 acc. IEC EN 60529
- Compliant/certified according norms UN ECE R10/R118 (road) as well as EN 45545 and EN 50155 (railway)



<b>Technology</b>	<b>Standards:</b> IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) IEEE 802.3x for Flow Control <b>Processing Type:</b> Store and Forward <b>Flow Control:</b> IEEE802.3x flow control, back pressure flow control
<b>Interfaces</b>	1 x Power supply (M8 female) 10 x Ethernet 10/100Mbit/s (M12 female, D-coded) 1 x Grounding bolt M6
<b>Display</b>	1 x Power LED 10 x Port LED (speed, link activity)
<b>Power supply</b>	9 ... 36 VDC reverse polarity and surge protection
<b>Power consumption</b>	max. 5 W
<b>Housing</b>	Rugged aluminium housing Dimensions: 253.5 x 45.5 x 67 mm (W x H x D) Weight: approx. 650 g
<b>Accessoires</b>	VZG300029: Mounting Plate: HydraIP MP1820 (incl. locking unit) VZK300141: Adapter: Power Supply 24 VDC
<b>Environment</b>	Operation temperature: -25°C ... +70°C (EN50155) Storage temperature: -40°C ... +85°C Humidity: 95% (not condensing) Ingress Protection IP52 acc. to IEC EN 60529 Impact Code IK08 acc. to IEC EN 62262
<b>Conformity &amp; Certification</b>	RoHS, VDE, UN ECE R10 (E1), UN ECE R118, EN 50155, EN 45545, EN 55022, EN 61000-6-2, EN 55024, EN 60950, EN 50121-3-2

Information refers to the current states and may be subject to unannounced changes.

01.08.2017