



6 - ELECTRICAL FEATURES

6.1 - Solenoids

These are essentially made up of two parts: tube and coil. The tube is threaded into the valve body and includes the armature that moves immersed in oil, without wear. The inner part, in contact with the oil in the return line, ensures heat dissipation. The coil is fastened to the tube by a threaded ring, and can be rotated to suit the available space.

SUPPLY VOLTAGE FLUCTUATION	± 10% Vnom
MAX SWITCH ON FREQUENCY	10.000 ins/hr
DUTY CYCLE	100%
ELECTROMAGNETIC COMPATIBILITY (EMC)	In compliance with 2014/30/EU
LOW VOLTAGE	In compliance with 2014/35/EU
CLASS OF PROTECTION Coil insulation (VDE 0580) Impregnation	class H class H

6.2 - Protection from atmospheric agents IEC 60529

The IP protection degree is guaranteed only with both valve and connectors of an equivalent IP degree, correctly connected and installed.

The protection degree IP69K is not taken into account in IEC 60529 but it is included in ISO 20653.

protection referred to	electrical connection		whole valve
	IP65	IP69 IP69K	IP65
K1 EN 175301-803	x		x
K2 AMP JUNIOR	x		x
K7 DEUTSCH DT04 male	x	x	x

Current and absorbed power

(values ±5 %)

	Resistance 20°C [Ω]	Absorbed current [A]	Absorbed power [W]	Coil code		
				K1	K2	K7
D12	6.6	1.8	21.8	1903710	1903720	1903730
D24	27	0.9	21.6	1903711	1903721	1903731