

CMN561T6 铝材隔爆电磁换向阀

CMN561T6 Aluminum Flameproof 5way & 3way Change-over Smart Namur Solenoid Valves

IP66 ExdIICT6 DIPA20 TA, T6

依据NAMUR国际标准,可直接控制单作用和双作用气动执行器,并且配置了安全可靠的手动装置,是一款真正的多功能电磁阀。由于其特有的气路结构,CMN561电磁阀体上所有呼吸孔均与排气孔相通,阀体表面无呼吸孔与大气相通,能有效地防止外界液体、尘土和杂质进入阀体,特别适合在室外或粉尘污染严重的工作环境中使用。

Main Features:

1. The same spool valve can be adapted for 3/2 NC or 5/2 functions for controlling double-acting and single-acting pneumatic actuators. Manual override on the pilot body.
2. All the exhaust ports of this spool valve are connectable which offer excellent environmental protection against the ingress of liquids, dusts or other foreign matter.
3. The spool valve can be fitted with aluminium or stainless steel 316 enclosure coil certified for use in corrosive area and in hazardous area(Class I, Div.1 Group A, B, C, D, Ex d II C T6). The product has passed ATEX certification of DNV and ExdIICT6 certification



技术规格和参数 / Specification	
阀体材料 / Body Material	冷挤压铝合金 / extruded Aluminum
外表处理 / Finishing	阳极氧化或化学镀镍 / Anodized
密封 / Seal	丁腈橡胶 "O" 形圈 NBR
介质接触材料 Material in contact with fluid	铝, 增强尼龙, 丁腈橡胶 Aluminum, forces Nylon, NBR
CV值 CV value	CV=1.4 (25mm)
气源接口 / Port size	G1/4"BSPP 或 NPT1/4 G1/4"BSPP or NPT1/4
安装标准 / Mount standard	24*32NAMUR
紧固螺钉 / Fix screws	不锈钢 / M5*27 Stainless steel
防护等级 / Protection class	IP67/NEMA4,4X
防爆等级 / Ex-proof class	无 / NO
工作温度 / Working temperature	-10°C~80°C(change grease and seals can make lower temp -50 °C)
工作压力 / Working pressure	1~8 bar
工作介质 Working medium	经过过滤 (<=40um) 干燥和润滑的空气或中性气体 (<=40um) dry and lubricated air
工作寿命 / Life cycles	1000 万次以上 (正常工作条件) 10 millions

电磁线圈 / Solenoid Specification	
工作电源 / Voltage	24VDC-3.5W (50/60HZ) 110/220VAC-4VA 240VAC-4.5VA
线圈外壳 / Coil cover	不锈钢 316 Stainless steel 316
电缆接口 / Cable plug	M20*1.5 1/2"BSPP 或 NPT M20*1.5 1/2"BSPP or NPT
绝缘等级 / insulation grade	H Class Coil
抗电强度 / (dielectric strength)	1000V
负载周期 / Duty cycles	100%ED
防护等级 / Protection class	IP66
防爆等级 / Ex-proof class	ExdIICT6 DIPA20 TA, T6
工作温度 / Working temperature	-30°C~120°C

