

## Technical Specification

Date: 13.05.2015

Par: WSA

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Part number	01-311P-00-H0 H012004 24V AC/DC 0.7W	Drawing Nb.	S012.1152 b
Description	Microsol 3/2 voies NF directe Embase P 0.5mm PPS NBR	Update date	22.08.2014
		Document Nb.	T012.2476

Item	Value
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### **CONSTRUCTION**

Number of ways, function	3/2 NC
Operation	Direct
Connection	Pilot
Orifice size, mm	0.5
Body material in contact with media	PPS, PA
Oper. material in contact with media	AISI 430/302/303, PAA
Seal material in contact with media	NBR
Fixing	2 screws M3
Manual override, type	Impulse
Weight (with coil), gr	40

### **PERFORMANCE**

Pressure range, bar	0 to 7
Media, type	Air, neutral gases
Viscosity, $\text{E}$	3 max.
Temperature range, ambient $^{\circ}\text{C}$	-10 to +40
Temperature range, media $^{\circ}\text{C}$	-10 to +40
Flow factor kv, l/min	0.12
Cycling rate, Hz	20
Pneumatic response time, ON, msec	25 (ISO 12238)
Pneumatic response time, OFF, msec	25 (ISO 12238)
Life expectancy, cycles	100'000'000

### **ELECTRICAL FEATURES**

Voltage/frequency, nominal, volt	24 AC/DC
Power consumption, nominal, watt	0.7
Pull-in voltage, volt	24 AC/DC -10%/+25%
Resistance, ohm	1152 $\pm$ 5% @ 20 $^{\circ}\text{C}$
Insulation class, $^{\circ}\text{C}$	F155
Electrical insulation, volt	500 AC
Protection degree, IP	65
Duty cycle, %	100
LED indicator	Red LED
Electrical connection	AMP
Coil orientation	B01

### **OTHER**

Identification / Marks	Ex ia IIC T6 Ga / Ex ia IIIC T85 $^{\circ}\text{Da}$
Compliance with standards/specifications	INERIS 02ATEX0007X
Safety parameters	See user's manual