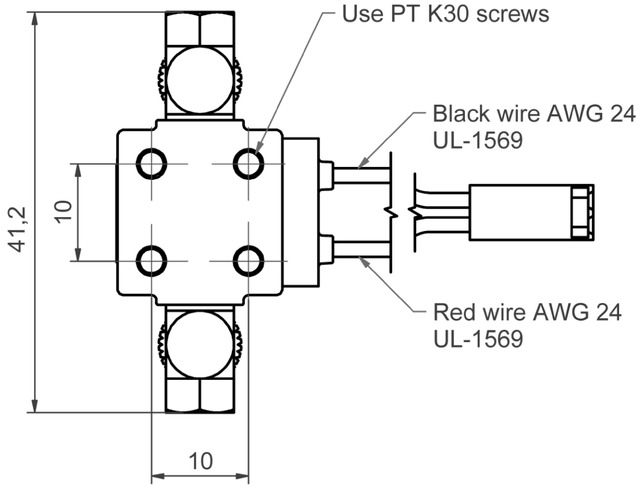
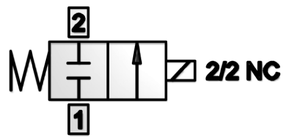
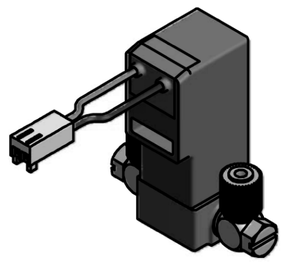
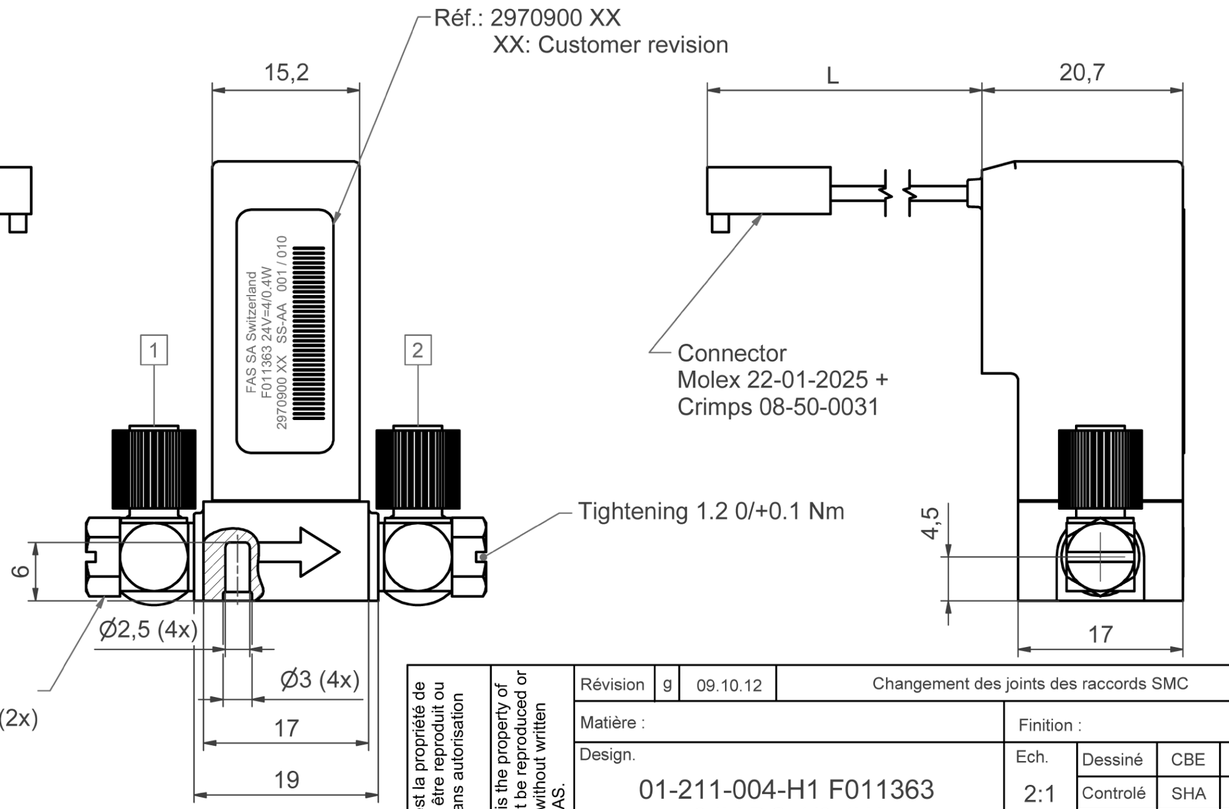
REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	RELEASE/CHANGE PER ECO-R222548	SEE AGILE	SEE AGILE

SOLIDWORKS DRAING: ALL CHAGES MUST BE DONE IN SOLIDWORKS DATABASE.









Note :
All the dimensions are in millimeters.

Révision	g	09.10.12	Changement des joints des raccords SMC	MLT
Matière :			Finition :	
Design. 01-211-004-H1 F011363 24V DC 4/0.4W			Ech. 2:1	Dessiné CBE 16.04.2007
				Controlé SHA 09.10.2012
fluid automation systems — A Norgren Fluid Controls company				Format : A3 Page : 1 / 1
			S012.2148	Rév. g

NOTES: UNLESS OTHERWISE SPECIFIED.

1. APPLICABLE STANDARDS/SPECIFICATIONS:
   ASME Y14.3-2008, MULTIVIEW AND SECTIONAL VIEW DRAWINGS.
   ASME Y14.4M-2009, PICTORIAL DRAWINGS.
   ASME Y14.5-2009, DIMENSIONS AND TOLERANCES.
   ASME Y14.38-2007, ABBREVIATION AND ACRONYMS.
2. ALL DIMENSIONS ARE IN MILLIMETERS.
3. PART/COMPONENT TO BE ROHS COMPLIANT.

GENERAL DIMENSIONAL TOLERANCES			
DEC.	DEC.	DEC.	DEC.
X +/-	.x +/-	.xx +/-	.xxx +/-
--	--	--	--
DEC.	HOLES	FRAC.	ANG.
.xxxx +/-	+/-	+/-	+/-
--	N/A	--	--

SCALE: 1:1
DO NOT SCALE DRAWING
THIRD ANGLE PROJECTION

TITLE: 2 WAY SOLENOID OXYGEN VALVE

DRAWN: FRANCIS LABBADESSE	DATE: 30JUL2007	
CHECKED: SEE AGILE	DATE: SEE AGILE	
APPROVED: SEE AGILE	DATE: SEE AGILE	

COVIDIEN
6135 Gunbarrel Avenue
Boulder, CO 80301

SIZE C | FILENAME: 2970900.SLDDRW
DRAWING NO.: 2970900 | REV A
SHEET: 1 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
--	-- SEE SHEET ONE --	--	--

fluid automation systems

A Norgren Fluid Controls company

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CP 256
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tél. +41 (0)22 775 10 00
fax. +41 (0)22 775 10 01
www.fas.ch

Date: 15.10.2012
Par: MLT
Page no: 1/1

Technical Specification

Part number 01-211-004-H1 F011363 24V DC 4/0.40W
Description MICROSOL 2/2 VOIES NF DIRECTE M5 2.0MM PPS FPM

Drawing Nb. S012.2148 g
Update date 15.10.2012
Document Nb. T012.1950

Item	Value
CONSTRUCTION	
Number of ways, function	2/2 NC
Operation	Direct
Connection	M5
Orifice size, mm	2.0
Body material in contact with media	PPS
Oper. material in contact with media	AISI 430/302, PAA
Seal material in contact with media	FPM
Fixing	Screws PT KA30
Manual override, type	None
Special	Degreased
Weight (with coil), gr	50
PERFORMANCE	
Pressure range, bar	0 to 6
Back pressure, bar	0
Media, type	Oxygen
Temperature range, ambient ℃	0°to +50°
Temperature range, media ℃	0°to +40°
Flow factor kv, l/min	1.3
Cycling rate, Hz	8
Pneumatic response time, ON, msec	8-15
Pneumatic response time, OFF, msec	8-15
Life expectancy, cycles	1'000'000
Internal leakage	0.01
External leakage	0.01
ELECTRICAL FEATURES	
Voltage/frequency, nominal, volt	24V DC
Power consumption, nominal, watt	4/0.4W
Pull-in voltage, volt	24V DC ± 15%
Resistance, ohm	140 ± 5%
Current, amp	Hit current < 225 mA; Holding current < 35 mA
Insulation class, ℃	F155
Electrical insulation, volt	1500V AC
Protection degree, IP	51
Duty cycle, %	100%
Connector, type	Molex 22-01-2025; contacts 08-50-0031
Electrical connection	Flying leads L = 180 ± 5 mm
Coil orientation	B01
OTHER	
Identification / Marks	Sticker with customer reference + revision(XX) (2970900 XX)
Packing	Individually packed in a plastic bag
Hydrocarbon content	max. 550 mg/m2 (NF EN 14039)
Banjo assembling	Torque 1.2 0/+0.1 Nm
Proof pressure, bar	10

SIZE	FILENAME:	DRAWING NO.:	REV
C	2970900.SLDDRW	2970900	A
DRAWN: FRANCIS LABBADESSE	SCALE: 1:1	SHEET: 2 OF 2	