



NC



### FEATURES

- Mini-low consumption valves for use in potentially explosive atmospheres according to ATEX-Directive 94/9/EC  
 EC type examination certificate no.: **INERIS 10 ATEX 3016X**
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with European Standards EN 60079-0, EN 60079-15, EN 61241-0 and EN 61241-1
- Compact, monobloc solenoid pilot valve with M12 connector
- Integral LED indicator and electrical protection. LED indicator visible from 3 sides
- Universal version for vacuum operation (3/2 way)

### GENERAL

**Differential pressure** See «SPECIFICATIONS» [1 bar = 100 kPa]  
**Pneumatic base** ISO 15218 (CNOMO E06.36.120N, size 15)  
**Connection** Subbase  
**Response time** 8 - 15 ms

fluids (*)	temperature range (TS)	seal materials (*)
air or inert gas filtered at 50 µm, lubricated or not	- 25°C to + 40°C (LP2) <sup>(1)</sup>	NBR (nitrile) FPM (fluoroelastomer)

<sup>(1)</sup> LP2: see "electrical characteristics" table

### MATERIALS IN CONTACT WITH FLUID

(\*) Ensure that the compatibility of the fluids in contact with the materials is verified

**Body** PAA  
**Internal parts** POM, PET, stainless steel and brass  
**Seals** NBR (disc), FPM (others)  
**Pneumatic interface seal** TPE

### OTHER MATERIALS

**Coil** Thermoplastic PET  
**Enclosure with PVC cable** PP (polypropylene) glass-fibre reinforced

### ELECTRICAL CHARACTERISTICS

**Coil insulation class** F **SAFETY CODE** II 3G Ex nA II T6..T4  
 II 3D Ex tD A22 IP65 T 85°C..T 135°C

**Connection** Connector M12 (5 m cable length)  
 connector M12 CNOMO E03.62.520.N

**Electrical safety** IEC 335  
**Electrical enclosure protection** Moulded IP67 (EN 60529)  
**Standard voltages** DC (=): 24V

coils		power ratings <sup>(2)</sup>	max. ambient temperature °C <sup>(2)</sup>			type <sup>(5)</sup>
power ranges	voltages	hot/cold = (W)	surface temperature			
			T6 85°C	T5 100°C	T4 135°C	
LP2 <sup>(3)</sup>	24	1,15 / 1,35	40	55	60	01

<sup>(5)</sup> Refer to the dimensional drawings on the following page.

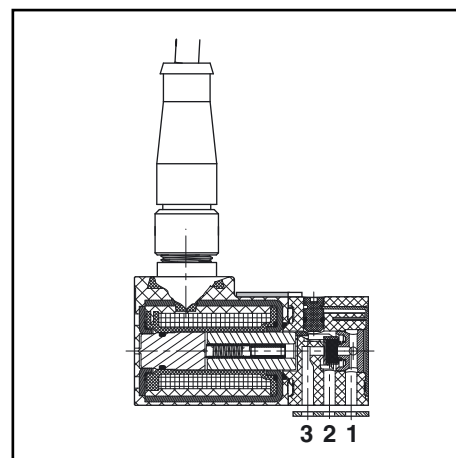
<sup>(2)</sup> Nominal power ratings with LED indicator and electrical protection.  
<sup>(3)</sup> The minimum allowable ambient temperature is -25°C. Actual temperature range can be limited depending on valve operation limits.  
<sup>(4)</sup> Voltage: -15% / +20%

### SPECIFICATIONS

orifice size (mm)	flow				operating pressure differential (bar)		power ranges	basic catalogue number			
	at 6 bar l/min (ANR)		coefficient Kv		min.	max. (PS)		manual operator		maintained	
	1 → 2	2 → 3	1 → 2	2 → 3			impulse	=	~	=	
<b>3/2 NC - normally closed (Without LED and protection)</b>											
0,6	11	20	0,11	0,26	0	10	-	30212109NAD	-	30212110NAD	
0,8	17	28	0,22	0,35	0	8	-	30212112NAD	-	30212113NAD	
1,1	32	51	0,35	0,50	0	5	-	30212118NAD	-	30212119NAD	

When ordering, please specify, in addition to the basic catalogue number, the type of current: voltage

Examples: 24V DC: **30212110NAD** 24V DC



### OPTIONS AND ACCESSORIES

- Seals and disc made of FPM (fluoroelastomer)

### INSTALLATION

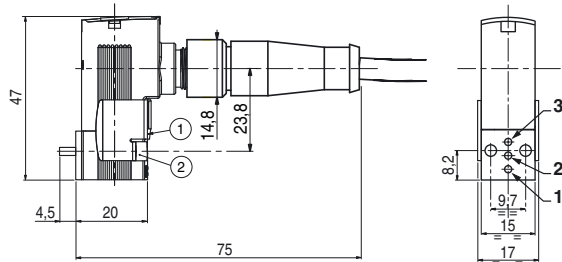
- The solenoid valves can be mounted in any position without affecting operation
- **Pre-wired connector, supplied and certified with the product (Connector M12, with 5 m cable length). For connection, only use the connector supplied with the product**
- Solenoid valve supplied with mounting screws and mounting pad seal(s)
- Installation/maintenance instructions are included with each valve

### DIMENSIONS (mm), WEIGHT (kg)



#### TYPE 01

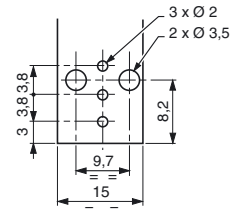
IEC 335 /  
Straight M12 connector, 5 m cable length  
IP67



function	connection		
	1	2	3
NC	P	O	E

P: Pressure  
O: Outlet  
E: Exhaust

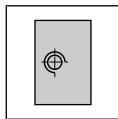
Subbase mounting surface: ISO 15218  
(CNOMO E06.36.120N, size 15)



weight <sup>(1)</sup>
0,288

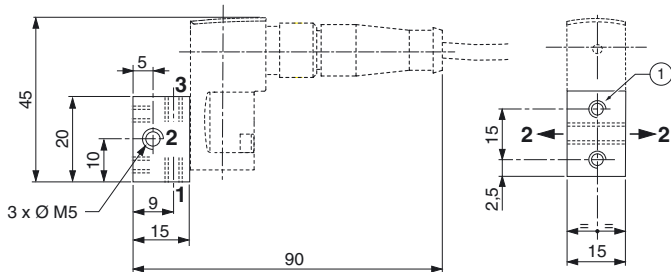
<sup>(1)</sup> with connector.

- ① Manual operator location
- ② 2 mounting screw M3 x 20



#### Single subbase

Aluminium or brass

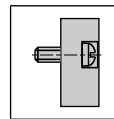


- ① Mounting: 2 holes M3, depth 4,5

Orifice (2) can be connected on the left or on the right of the subbase.

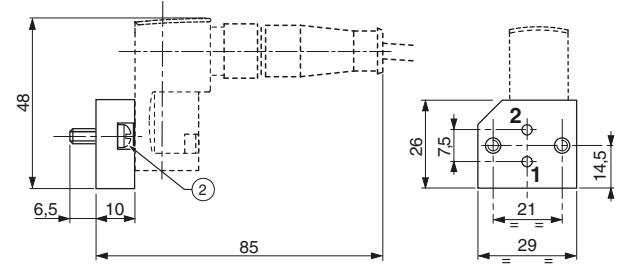
material	catalogue number	weight <sup>(1)</sup>
aluminium	88263002	0,011
brass	30300001	0,034

<sup>(1)</sup> subbase alone



#### Adapter CNOMO size 30

(only for NC version)  
Aluminium



- ② Mounting: 2 screws M4 x 10 (supplied)

catalogue number	weight <sup>(2)</sup>
88263001	0,018

<sup>(2)</sup> adapter alone