





direct operated

pad mounting body M5 subbases

ASVΔ

FEATURES

· Compact size and light weight simplify assembly on single or joinable subbases

AC/DC interchangeability of the solenoid without disassembly of the valve

Flexible installation on joinable subbases

Manual operator allows an easy installation

The solenoid valves satisfy all relevant EU directives

GENERAL

Differential pressure See «SPECIFICATIONS» [1 bar = 100 kPa]

Maximum viscosity 40 cSt (mm²/s) 5 - 10 ms Response time

fluids (*)	temperature range (TS)	seal materials (*)		
air, inert gas, water, oil	-10°C to +80°C	NBR (nitrile) FPM (fluoroelastomer)		

MATERIALS IN CONTACT WITH FLUID

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

Body and subbases Core tube **Brass**

Internal parts, springs Stainless steel NBR or FPM Seals Subbase seals **FPM** Shading coil Copper

ELECTRICAL CHARACTERISTICS Coil insulation class

Connector Spade plug (cable Ø 6-8 mm)

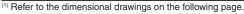
Connector specification DIN 43650, 11 mm, industry standard B

Electrical safety IEC 335

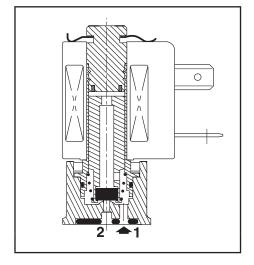
Electrical enclosure protection Moulded IP65 (EN 60529) Standard voltages DC (=): 24V - 48V

AC (~): 24V - 48V - 115V - 230V / 50 Hz (Other voltages and 60 Hz on request)

	,				, , ,			
ı		power	ratings	3	operator	ronlacor		
١	inrush	holo	holding hot/		ambient temperature	replacement coil		turno (1)
ı	~	-	~ =		range (TS)	~	=	type (1)
ĺ	(VA)	(VA)	(W)	(W)	(C°)	230 V/50 Hz	24 V DC	
1	6	3,5	2,5	2,5 / 3	-10 to +60	400127-097	400904-142	01







SPECIFICATIONS

pipe	orifice	orifice size flow coefficient Kv max. (PS)						power coil (W)		catalogue number		
size	size				with maintained manual operator							
			·V	min.	air	(*)	water/	oil (*)	1		NBR	FPM
	(mm)	(m³/h)	(l/min)	1	~	=	~	=	~	=	~/=	~/=
NC - Norma	ally closed			•								
	1	0,02	0,4	0	16	16	16	16	2,5	3	10800001	10800004
pad mounting	1,5	0,04	0,7	0	12	4	12	4	2,5	3	10800016	10800019
mounting	2.5	0.06	1	0	4.5	2	4.5	2	2.5	3	10800003	10800006

SUBBASES (2)

pipe size	mounting type	designation	composition	catalogue number			
6/6 polyamide subbases							
	Individual mounting	Single subbase + two ends. Pressure to right, G 1/8	M5 G 1/8	36100009			
M5	bases Assembly of 1/8 2 to 10 nds joinable				1 joinable subbase	:o:	36100004
subbases G 1/8 ends		Set of 2 joinable subbases with ends. Pressure to right, G 1/8	G 1/8 G 1/8 M5	36100005			
subbases (4)	Set of 2 joinable subbases with ends. Pressure to right and/or left, G 1/8	G 1/8 G 1/8 M5	36100032 ⁽³⁾				

(2) These subbases can be mounted on symmetrical rail to EN 50022, AFNOR NF C 63015, using 2 clips (clips: catalogue number 33400036, pack of 10).

(3) Used for two different pressures, delivered with 1 plug to be put in the right place.

(4) Maximum number of solenoid valves which can operate simultaneously on joinable subbases: Ø 1 mm: 10, Ø 1,5 mm: 5, Ø 2,5 mm: 3.

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OPTIONS

- Explosionproof enclosures for use in zones 1/21-2/22, categories 2-3 to ATEX Directive 2014/34/EU (see "Explosionproof solenoids" section)
- Compliance with "UL", "CSA" standards are available
- Oxygen service, used option catalogue number: 970517
- Plug with visual indication and peak voltage suppression or with cable length of 2 m (see Solenoids, Coils & Accessories section)

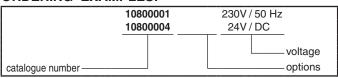
INSTALLATION

- The solenoid valves can be mounted in any position without affecting operation
- Mounting on single or joinable subbases
- ATEX 94/9/EC versions can be installed on single subbases (all versions) or joinable zamak subbases (options "SCDU" and "PV")
- Pipe connections 1/8 have standard thread according to ISO 228/1
- Installation/maintenance instructions are included with each valve

ORDERING EXAMPLES:

PPS

36100005 / 36100032



JOINABLE SUBBASE G 1/8

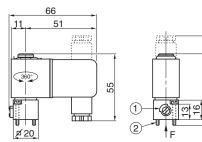
DIMENSIONS (mm), **WEIGHT** (kg) □



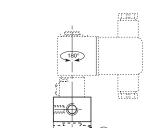


TYPE 01 Prefix "SC" Solenoid Epoxy moulded IĖC 335 / DIN 43650 / IP65 weight: 0,100

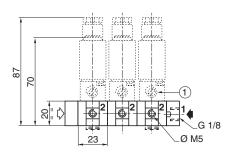
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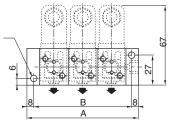
2 locking U-pieces



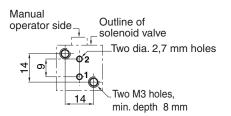
- Manual operator location
- 2 M3 x 20 screws
- (3) Clips

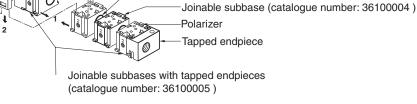


O-ring



SUBBASE MOUNTING PATTERN





number of subbases	Α	В	weight (1)
2	72	56	0,300
3	95	79	0,420
4	118	102	0,540
5	141	125	0,660
6	164	148	0,780
+1	+23	+23	+0,120

⁽¹⁾ including coils, connectors and joinable endpieces.