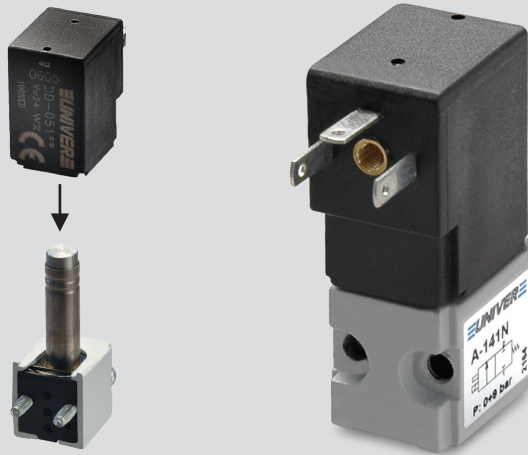


A 15 mm
2 W
38 Nl/min



A 15 mm 2/2 NC - NO, 3/2 NC - NO



Revolving coil
90° x 90°



Manual
override



ISO 15218
interface



Faston



Connector 90°



Connector In-line



Loose cables



ISO 15218 - 15 mm Microvalves

- Flow rate max 38 NI/min
- ISO 15218 interface
- 2/2-3/2 versions - normally open (NO) and normally closed (NC)
- Interchangeable coil - 90° orientation
- Single and multiple sub-bases - single and multipolar electric connection



Fluid	10 µm filtered air, with or without lubrication	
Ambient temperature	-5 ÷ +50 °C	
Fluid temperature	Max +50 °C	
Commutation system	poppet	
Ways/Positions	2/2 NC, 3/2 NC, 2/2 NO, 3/2 NO	
Pressure	Max 9 bar	
Control	electric	
Return	mechanical spring	
Connections	interface ISO 15218	
Nominal Ø	1,2	1,5
Nominal flow rate	26	38
Max frequency	2700 cycles/min	
Valve body	technopolymer (aluminium external cover)	
Seals	NBR	
Components	stainless steel, brass	
Coil	U5	
Power consumption	2 W DC/2,3 VA AC (Ø 1,2) 2,5 W DC/3,5 VA AC (Ø 1,5)	
Electrical connection	15 mm connector Molex bipolar connector or loose cables	
Voltage	24 V DC -12 V DC - 24 V AC - 110 V AC - 230 V AC	
Manual override	recessed button - 1 position (other manual overrides upon request)	
Protection degree with connector	IP65	



Reference standard

II 3 GD c nA II T5 -10 °C ≤ Ta ≤ 45°C IP65



MICROVALVES Ø 1,2 FOR DIRECT CURRENT COILS 2 W

A-151N 2/2 NC

A-171N 2/2 NO

A-111N 3/2 NC

A-131N 3/2 NO

MICROVALVES Ø 1.5 FOR DIRECT CURRENT COILS 2,5 W

A-152N 2/2 NC

A-112N 3/2 NC

MICROVALVES Ø 1,2 FOR DIRECT OR ALTERNATED CURRENT

A-151N 2/2 NC

A-171N 2/2 NO

A-111N 3/2 NC

A-131N 3/2 NO

MICROVALVES Ø 1,5 FOR DIRECT OR ALTERNATE CURRENT

A-152N 2/2 NC

A-112N 3/2 NC



The microvalves are supplied without coil and connector.



key



Button



Pressure applied with a tool

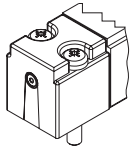


Manual adjustment

MANUAL CONTROL STANDARD



RECESSED PUSH-BUTTON, 1 POSITION

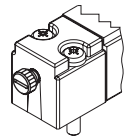


Metal

MANUAL CONTROLS ON REQUEST



PUSH-BUTTON, 1-2 POSITION

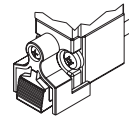


03

EXAMPLE:
A-141N03
Red technopolymer



PUSH-BUTTON, 1 POSITION



LETTER TO BE ADDED AT THE END
OF THE ELECTROPILOT CODE

02

EXAMPLE:
A-141N02
Red technopolymer

SUB-BASE FOR EXTERNAL ELECTRIC CONNECTION



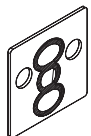
A - 326A-__ G1/8 threaded connections

A - 326B-__ M5 threaded connections (upon request)

A - 326D-__ push-in connections tube 4 (upon request)

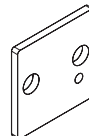
-__ Specify the number of positions on the base. Example: 5 positions: **A - 326A - 05**

SEALING PLATE



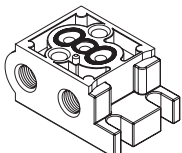
A-299-11

BLANK PLATE



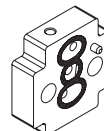
A-301

SINGLE BASE



A-305

INVERTER PLATE



A-350

The microvalves are supplied without coil and connector.

SERIES A - ISO 15218 - 15 MM MICROVALVES

COIL U05 15 MM FASTON



	DC	AC
DD-013	-	230
DD-040	-	24
DD-041	12	-
DD-042	12	-
DD-050	-	48
DD-051	24	-
DD-052	24	-
DD-060	-	110
DD-070	-	230

CONNECTOR 15 MM



AM-5109

IP65 protection rating. PG9 cable gland connection.
Adjustable through 180° on the coil

Available on request with indicator light.

U05 COIL WITH FLYING LEADS (300 MM LENGTH)



DD-051L030	24 V DC
DD-052L030	24 V DC

U05 COIL WITH INTEGRATED 90° UPWARD CONNECTOR



DD-351	24 V DC
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U05 COIL WITH INTEGRATED 90° DOWNWARD CONNECTOR



DD-151	24 V DC
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U05 COIL WITH IN-LINE CONNECTOR



DD-551	24 V DC
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MINIATURE CONNECTOR WITHOUT WIRES



D-500

MINIATURE CONNECTOR WITH LOOSE CABLES



D-530-30

D-530-50

D-530-200

MINIATURE CONNECTOR WITH CABLE



D-535-30

D-535-50

D-535-200

The microvalves are supplied without coil and connector.