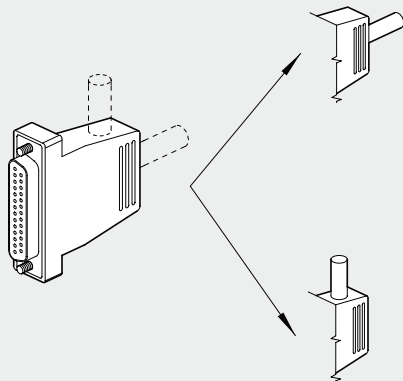
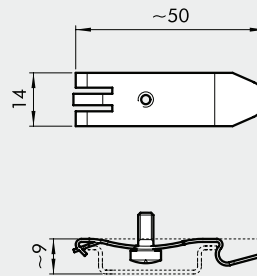


14 STRAIGHT AND 90° CONNECTOR KIT, 25 WIRES



Code	Description	Weight [g]
0226180101	Straight and 90° connector kit, 25 wires	48

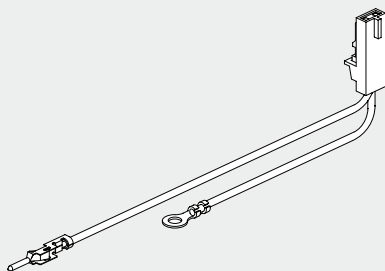
16 CONNECTION BRACKETS ON THE BAR OMEGA (DIN EN 50022)



Code	Description	Weight [g]
0227300600	Connection brackets on din bar	8

Individually packed

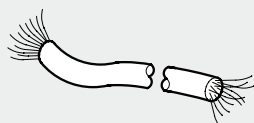
17 18 19 CONNECTOR KIT + WIRE



Code	Description	Weight [g]
0226180399	Connector kit + wire 1-6*	3
0226180400	Connector kit + wire 7-12**	4
0226180401	Connector kit + wire 13-30***	5

- \* For valve connection from 1st to 6th position counting from the connector
- \*\* For valve connection from 7th to 12th position, counting from the connector
- \*\*\* For valve connection from 13th to 30th position, counting from the connector

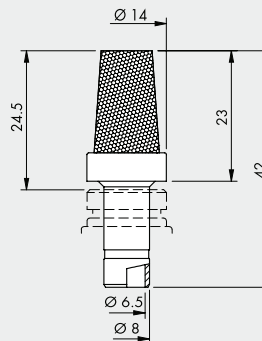
CABLES



Code	Description	Weight [g/m]
0226107201	10-wire cable	60
0226107101	19-wire cable	122
0226107102	25-wire cable	130

Specify the number of metres desired

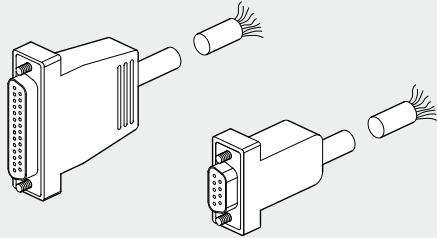
SILENCER FOR FITTING, Ø 8



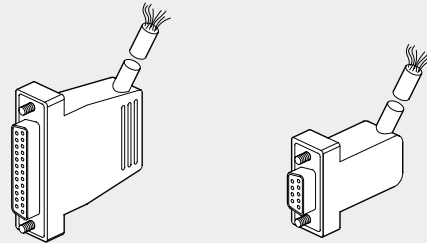
Code	Description	Flow rate at 6.3 bar [NI/min]	Weight [g]
W0970530084	Silencer for fitting, Ø 8	2400	15

At the 3/5-exhaust port of the reduced end-plate 1 ref. 4 and of the intermediate through of the exhaust switch ref. 20

NOTES

**16 17 STRAIGHT PRE-WIRED CONNECTOR KIT**


Code	Description	Weight [g]
0226900100	Straight D-Sub 9-PIN connector + cable L = 1 m	80
0226900250	Straight D-Sub 9-PIN connector + cable L = 2.5 m	170
0226900500	Straight D-Sub 9-PIN connector + cable L = 5 m	320
0226900750	Straight D-Sub 9-PIN connector + cable L = 7.5 m	470
0226901000	Straight D-Sub 9-PIN connector + cable L = 10 m	620
0226901500	Straight D-Sub 9-PIN connector + cable L = 15 m	920
0226902000	Straight D-Sub 9-PIN connector + cable L = 20 m	1220
0226905000	Straight D-Sub 9-PIN connector + cable L = 50 m	3020
0226920100	Straight D-Sub 25-PIN connector + cable L = 1 m	132
0226920250	Straight D-Sub 25-PIN connector + cable L = 2.5 m	320
0226920500	Straight D-Sub 25-PIN connector + cable L = 5 m	636

**16 17 PRE-WIRED 90° CONNECTOR**


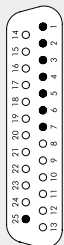
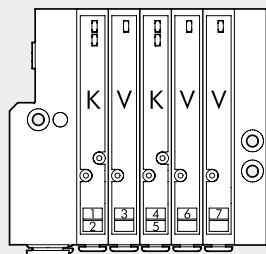
Code	Description	Weight [g]
0226910100	90° D-Sub 9-PIN connector + cable L = 1 m	80
0226910250	90° D-Sub 9-PIN connector + cable L = 2.5 m	170
0226910500	90° D-Sub 9-PIN connector + cable L = 5 m	320
0226910750	90° D-Sub 9-PIN connector + cable L = 7.5 m	470
0226911000	90° D-Sub 9-PIN connector + cable L = 10 m	620
0226911500	90° D-Sub 9-PIN connector + cable L = 15 m	920
0226930100	90° D-Sub 25-PIN connector + cable L = 1 m	132
0226930250	90° D-Sub 25-PIN connector + cable L = 2.5 m	320
0226930500	90° D-Sub 25-PIN connector + cable L = 5 m	636

**WIRING DIAGRAM FOR PRE-WIRED PLUG CONNECTORS**

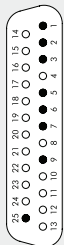
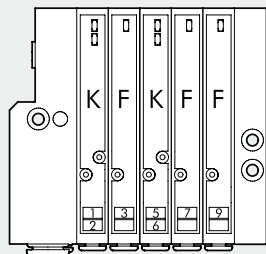
25 PIN				9 PIN			
Position of electrical contact	Colour of the corresponding wire	Position of electrical contact	Colour of the corresponding wire	Position of electrical contact	Colour of the corresponding wire	Position of electrical contact	Colour of the corresponding wire
1	blue/black	10	brown/white	19	yellow/black	1	green/black
2	red/brown	11	red/orange	20	white	2	white
3	white/black	12	light blue	21	blue/white	3	blue/black
4	red/blue	13	yellow/white	22	brown	4	blue
5	black/orange	14	yellow	23	green/white	5	yellow/black
6	yellow/red	15	red/green	24	red	6	yellow
7	black/brown	16	orange	25	green/black	7	red/black
8	white/red	17	orange/white			8	green
9	red/black	18	green			9	white/black

**NOTES**

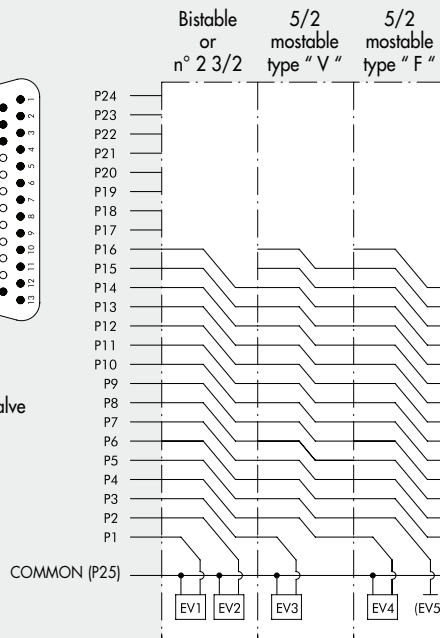
WIRING DIAGRAM



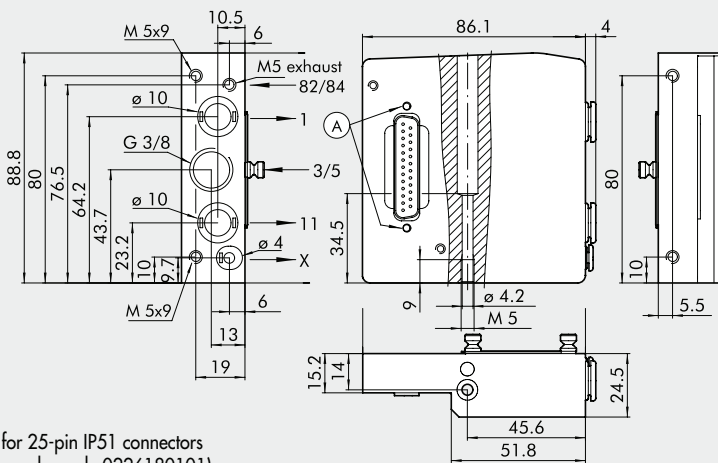
PNP - Com (-)  
NPN - Com (+)



NOTE: The type F monostable valve uses one PIN only (like the V) but occupies 2 signals.



② END-PLATE 1-11-25D - PIPE Ø10



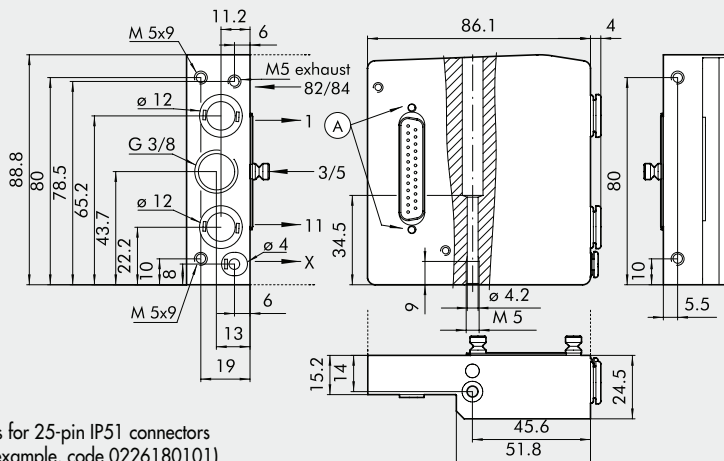
Ⓐ = Holes for 25-pin IP51 connectors (for example, code 0226180101)

Code	Description	Weight [g]
0227301200	End-plate HDM 1-11-25D Ø10	370

This end-plate allows for supplies to be differentiated

- Port 2
- Port 4
- Pilot supply

②S END-PLATE 1-11-25D - PIPE Ø12



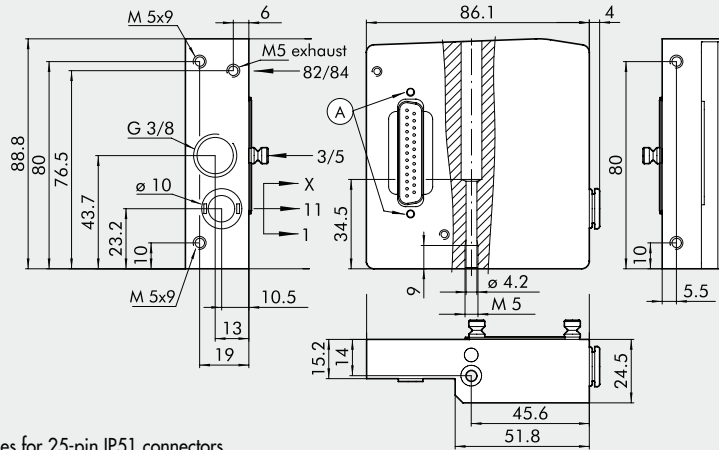
Ⓐ = Holes for 25-pin IP51 connectors (for example, code 0226180101)

Code	Description	Weight [g]
0227301220	End-plate HDM 1-11-25D Ø12	370

This end-plate allows for supplies to be differentiated

- Port 2
- Port 4
- Pilot supply

③ END-PLATE 1-25D - PIPE Ø10

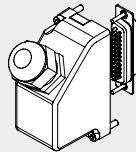


Ⓐ = Holes for 25-pin IP51 connectors  
(for example, code 0226180101)

Code	Description	Weight [g]
0227301201	End-plate HDM 1-25D Ø10	370

ACCESSORIES

⑭ 45° CONNECTOR KIT, 25 WIRES IP65



Code	Description	Weight [g]
0226180107	45° connector kit, 25 wires IP 65	65

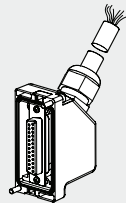
CABLES



Code	Description	Weight [g/m]
0226107201	10-wire cable	60
0226107101	19-wire cable	122
0226107102	25-wire cable	130

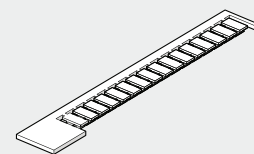
Specify the number of metres desired.

PRE-WIRED 45° CONNECTOR KIT, 25 WIRES IP65



Code	Description	Weight [g]
0226960100	Connector IP 65 + 25-wire 45° cable L = 1 m	190
0226960250	Connector IP 65 + 25-wire 45° cable L = 2.5 m	390
0226960500	Connector IP 65 + 25-wire 45° cable L = 5 m	740

IDENTIFICATION PLATE KIT



Code	Description
0226107000	Identification plate kit

Comes in 16-pc. packs

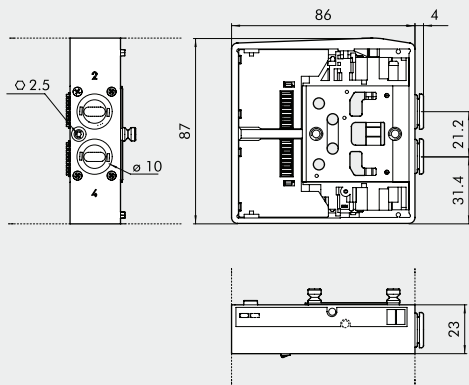
WIRING DIAGRAM FOR PRE-WIRED PLUG CONNECTOR

25 PIN

Position of electrical contact	Colour of the corresponding wire	Position of electrical contact	Colour of the corresponding wire	Position of electrical contact	Colour of the corresponding wire	Position of electrical contact	Colour of the corresponding wire
1	blue/black	9	red/black	17	orange/white	25	green/black
2	red/brown	10	brown/white	18	green		
3	white/black	11	red/orange	19	yellow/black		
4	red/blue	12	light blue	20	white		
5	black/orange	13	yellow/white	21	blue/white		
6	yellow/red	14	yellow	22	brown		
7	black/brown	15	red/green	23	green/white		
8	white/red	16	orange	24	red		

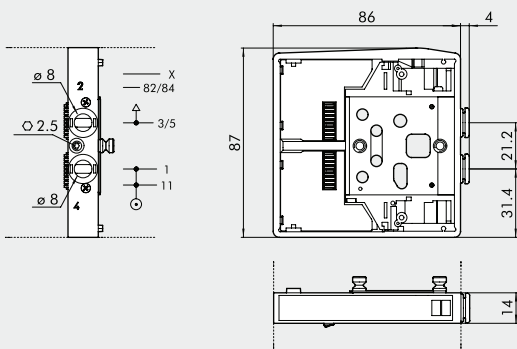
① VALVE DIMENSIONS HDM Ø 10

\*uses a single PIN (like the V) and occupies 2 signals



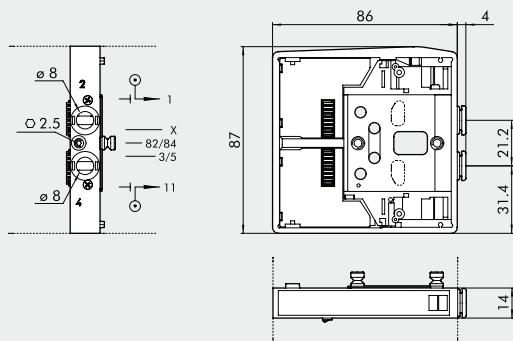
Symbol	Code	Manual control	Weight [g]
HDM I10	7078030530	monostable	250
	7078030531	bistable	
HDM W10	7078030630	monostable	250
	7078030631	bistable	
HDM L10	7078030730	monostable	250
	7078030731	bistable	
HDM V10	7078030130	monostable	231
	7078030131	bistable	
HDM *F10	7078030132	monostable	231
	7078030133	bistable	
HDM K10	7078030110	monostable	243
	7078030111	bistable	
HDM O10	7078030210	monostable	252
	7078030211	bistable	

⑥ INTERMEDIATE THROUGH



Code	Description	Weight [g]
0227301301	Intermediate through HDM	120

⑦ INTERMEDIATE BLIND

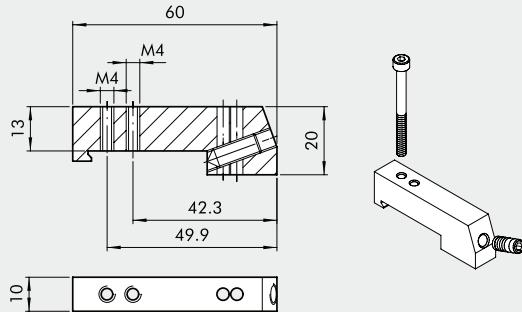


Code	Description	Weight [g]
0227301302	Intermediate blind HDM	117



## ACCESSORIES

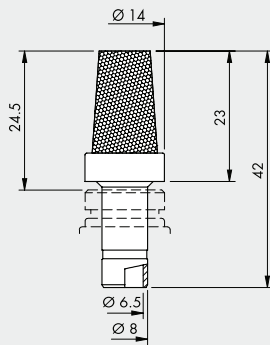
### 16 CONNECTION BRACKETS ON DIN BAR



Code	Description	Weight [g]
0227301600	Connection brackets on din bar HDM/CM	30

Supplied complete with one M4x45 screws and one M6 grub screw  
Individually packed

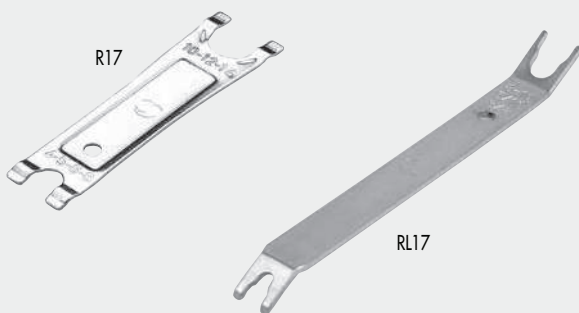
### SILENCER FOR FITTING, Ø 8



Code	Description	Flow rate at 6.3 bar [Nl/min]	Weight [g]
W0970530084	Silencer for fitting, Ø 8	2400	15

At the 3/5-exhaust port of the intermediate throughreference 6 and of the exhaust switch reference 20

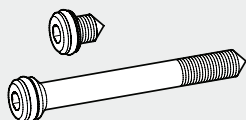
### R17 - PIPE RELEASE SPANNER



Code	Rif.	Length [mm]	Ø Tube
2L17001	RL17	140	from 3 to 10
2017001	R17	95	from 4 to 14

## SPARES

### GRUB SCREW KIT



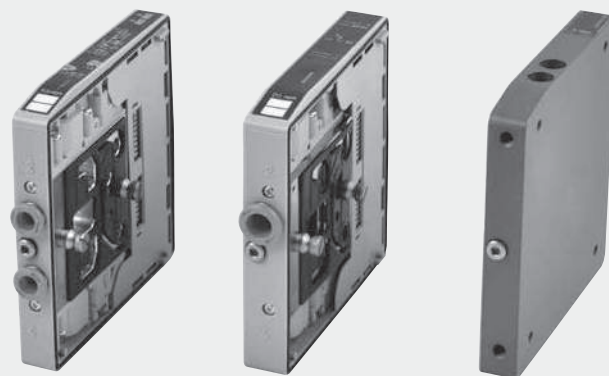
Code	Description
0227301800	Grub screw for Multimach HDM/CM

Comes in 1 + 1 pc. packs

# HDM - VALVES, INTERMEDIATES ELEMENTS AND ACCESSORIES

HDM valve can be included in islands with any available input terminal. The same valve can be connected to the multiple connection end-plate and all the field bus end-plates.

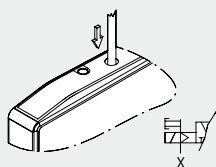
**Note:** if you use valves 8S type or 10 exploiting their flow capacity, it is appropriate to choose the inlet end plate 1-11 type by feeding the pilots separately (to avoid the pressure to decrease too much on the pilots). If you use simultaneously more than one valve 8S or 10 it is necessary to potentiate the pneumatic feeding by inserting end plates having 12 mm pipe and/or through intermediate modules



VALVES

HDM - VALVES, INTERMEDIATES ELEMENTS AND ACCESSORIES

## MANUAL CONTROLS

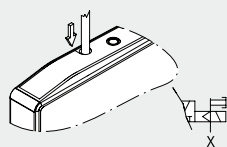
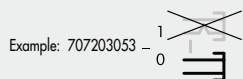


MONOSTABLE OVERRIDE PORT 2  
servo-assisted

- Press and hold the manual control in position (not necessary for bistable type K valve)
- Release the manual control:
  - The manual control returns to the home position.
  - Valves type I, W, L, V, F, and O reposition.
  - The type K valve remains switched

N.B.: The pilot power supply X must be present.

- The reference code for the monostable control ends in 0 (2 for type F).

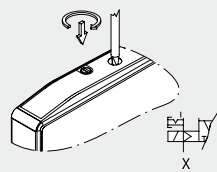


MONOSTABLE OVERRIDE PORT 4  
servo-assisted

- Press and hold the manual control in position (not necessary for bistable type K valve)
- Release the manual control:
  - The manual control returns to the home position.
  - Valves type I, W, L, V and F reposition.
  - The type K valve remains switched

With type F and V valves, this manual control is not present.

N.B.: The pilot power supply X must be present.

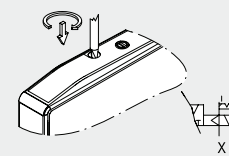
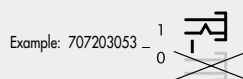


BISTABLE OVERRIDE PORT 2  
servo-assisted

- Press the manual control right in then turn it clockwise 90 degrees and Leave it in position.
- Rotate the manual control 90 degrees anticlockwise, and then release it.
  - The manual control returns to the home position.
  - Valves type I, W, L, V, F, and O reposition.
  - The type K valve remains switched

N.B.: The pilot power supply X must be present.

- The reference code for the monostable control ends in 1 (3 for type F).



BISTABLE OVERRIDE PORT 4  
servo-assisted

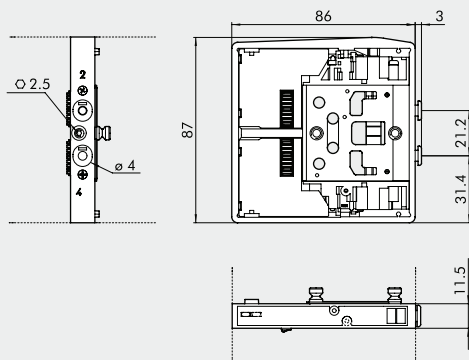
- Press the manual control right in then turn it 90 degrees clockwise and Leave it in position.
- Rotate the manual control 90 degrees anticlockwise, and then release it.
  - The manual control returns to the home position.
  - Valves type I, W, L and O reposition.
  - The type K valve remains switched

With type F and V valves, this manual control is not present.

N.B.: The pilot power supply X must be present.

## 1 VALVE DIMENSIONS HDM Ø 4

\*uses a single PIN (like the V) and occupies 2 signals

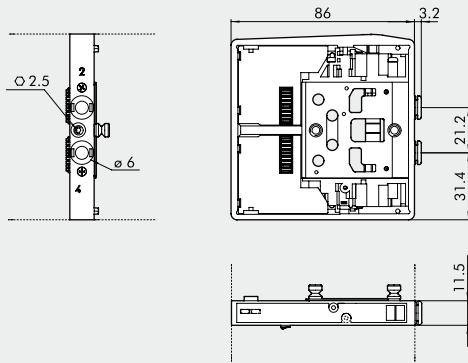


Symbol	Code	Manual control	Weight [g]
HDM I4	7071030530 7071030531	monostable bistable	130
HDM W4	7071030630 7071030631	monostable bistable	130
HDM L4	7071030730 7071030731	monostable bistable	130
HDM V4	7071030130 7071030131	monostable bistable	115
HDM *F4	7071030132 7071030133	monostable bistable	115
HDM K4	7071030110 7071030111	monostable bistable	130
HDM O4	7071030210 7071030211	monostable bistable	130



**1 VALVE DIMENSIONS HDM Ø 6**

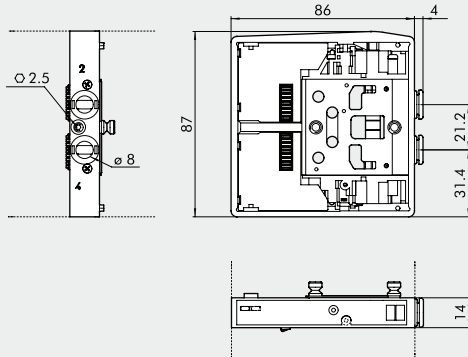
\*uses a single PIN (like the V) and occupies 2 signals



Symbol		Code	Manual control	Weight [g]
HDM <b>I6</b>		7072030530	monostable	130
		7072030531	bistable	
HDM <b>W6</b>		7072030630	monostable	130
		7072030631	bistable	
HDM <b>L6</b>		7072030730	monostable	130
		7072030731	bistable	
HDM <b>V6</b>		7072030130	monostable	115
		7072030131	bistable	
HDM <b>*F6</b>		7072030132	monostable	115
		7072030133	bistable	
HDM <b>K6</b>		7072030110	monostable	130
		7072030111	bistable	
HDM <b>O6</b>		7072030210	monostable	130
		7072030211	bistable	

**1 VALVE DIMENSIONS HDM Ø 8**

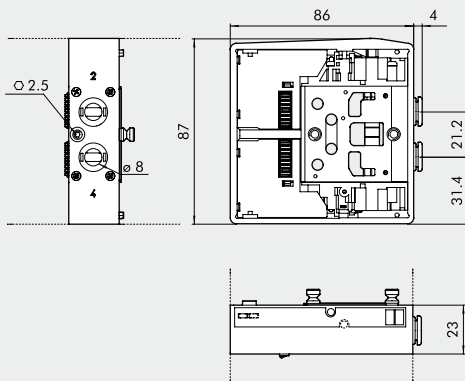
\*uses a single PIN (like the V) and occupies 2 signals



Symbol		Code	Manual control	Weight [g]
HDM <b>I8</b>		7073030530	monostable	140
		7073030531	bistable	
HDM <b>W8</b>		7073030630	monostable	140
		7073030631	bistable	
HDM <b>L8</b>		7073030730	monostable	140
		7073030731	bistable	
HDM <b>V8</b>		7073030130	monostable	130
		7073030131	bistable	
HDM <b>*F8</b>		7073030132	monostable	130
		7073030133	bistable	
HDM <b>K8</b>		7073030110	monostable	140
		7073030111	bistable	
HDM <b>O8</b>		7073030210	monostable	140
		7073030211	bistable	

**1 VALVE DIMENSIONS HDM Ø 8S**

\*uses a single PIN (like the V) and occupies 2 signals



Symbol		Code	Manual control	Weight [g]
HDM <b>I8S</b>		7077030530	monostable	260
		7077030531	bistable	
HDM <b>W8S</b>		7077030630	monostable	260
		7077030631	bistable	
HDM <b>L8S</b>		7077030730	monostable	260
		7077030731	bistable	
HDM <b>V8S</b>		7077030130	monostable	241
		7077030131	bistable	
HDM <b>*F8S</b>		7077030132	monostable	241
		7077030133	bistable	
HDM <b>K8S</b>		7077030110	monostable	253
		7077030111	bistable	
HDM <b>O8S</b>		7077030210	monostable	262
		7077030211	bistable	