Dopyt

SNÍMAČE PRIETOKU

Séria SLA5850 - SLA5863

SLA5850
Hmotnostný prietokomer

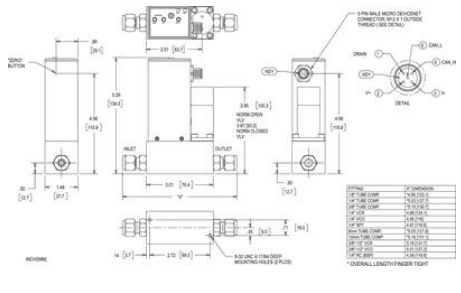


- Tesnenie elastomer
- Rozsah 0.003 až 2500 l/min
- Teplota až 65°C
- Výstup analóg alebo digitál
- Tlaková odolnosť až 310 Bar

POPIS PRODUKTU

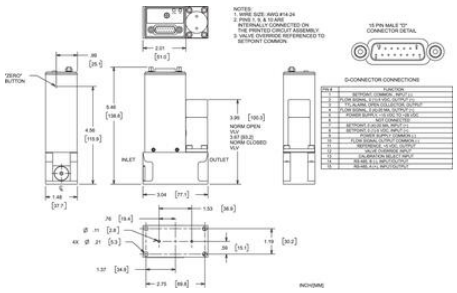
ŠPECIFIKÁCIA

ATEX	ATEX, IECEx
Diagnostics / Service Port	RS485 via 2.5mm jack
Diferenčný tlak max.	2,41 bar
Diferenčný tlak min.	0,35 bar
Doba odozvy	<1 s
External Leakage	1x10-9 atm. cc/sec He
Materiál O-krúžku	Buna, EPDM, Kalrez, PTFE, Viton
Napájacie napätie	24 V
Prevádzková teplota max.	65 °C
Prevádzková teplota min.	-14 °C
Teplota média do	65 °C
Teplota média od	-14 °C
Tlakový rozsah max.	310 bar

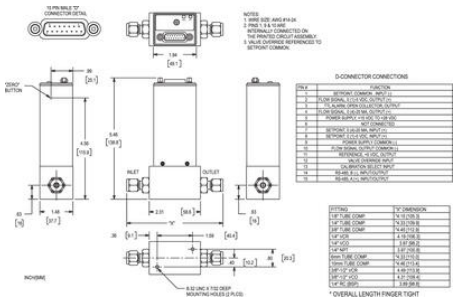


FITTING	"A" DIMENSION
1/8" TUBE COMP	*4.89 [123.7]
1/4" TUBE COMP	*4.93 [127.7]
3/8" TUBE COMP	*5.19 [131.8]
1/4" VCR	4.89 [124.1]
1/4" VCO	4.89 [124.1]
1/4" NPT	5.07 [128.8]
6mm TUBE COMP	*4.89 [124.1]
10mm TUBE COMP	*5.19 [131.8]
3/8"-13" VCR	5.19 [131.7]
3/8"-13" VCO	5.01 [127.3]
1/4" RC (BSP)	14.39 [116.6]

* OVERALL LENGTH FINGER TIGHT



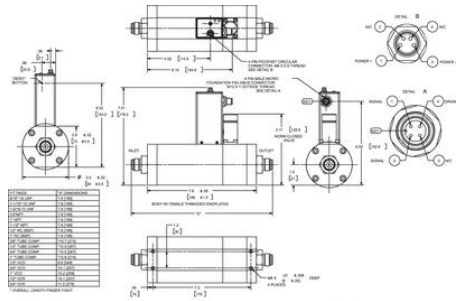
PIN #	FUNCTION
1	SETPOINT COMMON - INPUT (-)
2	FLOW SIGNAL, 0-5 VDC OUTPUT
3	FLOW SIGNAL, 0-5/0-10 VDC OUTPUT
4	POWER SUPPLY +15 VDC TO +28 VDC
5	NOT CONNECTED
6	SETPOINT, 0-5/0-10 VDC, INPUT (+)
7	SETPOINT, 4-20 mA, INPUT (+)
8	POWER SUPPLY COMMON (-)
9	FLOW SIGNAL OUTPUT COMMON (-)
10	REFERENCE, +5 VDC OUTPUT
11	VALVE OVERRIDE INPUT
12	CALIBRATION SELECT INPUT
13	RS-485, B (+), INPUT/OUTPUT
14	RS-485, A (-), INPUT/OUTPUT
15	NOT CONNECTED



PIN #	FUNCTION
1	SETPOINT COMMON - INPUT (-)
2	FLOW SIGNAL, 0-5/0-10 VDC OUTPUT
3	FLOW SIGNAL, 4-20 mA OUTPUT
4	POWER SUPPLY +15 VDC TO +28 VDC
5	NOT CONNECTED
6	SETPOINT, 0-5/0-10 VDC, INPUT (+)
7	SETPOINT, 4-20 mA, INPUT (+)
8	POWER SUPPLY COMMON (-)
9	FLOW SIGNAL OUTPUT COMMON (-)
10	REFERENCE, +5 VDC OUTPUT
11	VALVE OVERRIDE INPUT
12	CALIBRATION SELECT INPUT
13	RS-485, B (+), INPUT/OUTPUT
14	RS-485, A (-), INPUT/OUTPUT
15	NOT CONNECTED

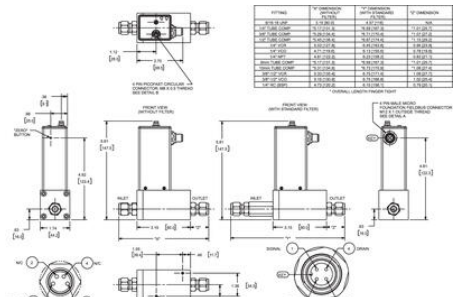
FITTING	"A" DIMENSION
1/8" TUBE COMP	*4.92 [125.3]
1/4" TUBE COMP	*4.96 [126.0]
3/8" TUBE COMP	*5.22 [132.6]
1/4" VCR	4.92 [125.0]
1/4" VCO	4.92 [125.0]
1/4" NPT	5.07 [128.8]
6mm TUBE COMP	*4.92 [125.0]
10mm TUBE COMP	*5.22 [132.6]
3/8"-13" VCR	5.22 [132.6]
3/8"-13" VCO	5.04 [128.0]
1/4" RC (BSP)	14.42 [116.9]

* OVERALL LENGTH FINGER TIGHT



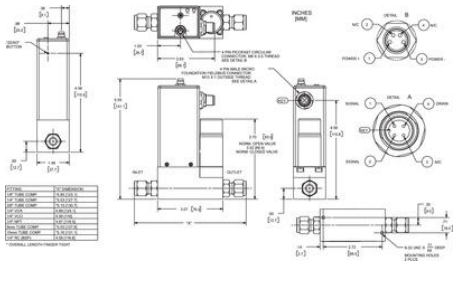
FITTING	"A" DIMENSION
1/8" OD UNF	4.92 [125]
1-13/16"-12 UN	4.92 [125]
1/8" TUBE COMP	4.92 [125]
1/4 NPT	4.92 [125]
1/4" NPT	4.92 [125]
1/4" VCR	4.92 [125]
1/4" RC (BSP)	4.92 [125]
3/8" TUBE COMP	5.22 [132.6]
1/4" TUBE COMP	4.92 [125]
1/4" VCO	4.92 [125]
3/8"-13" VCR	5.22 [132.6]
3/8"-13" VCO	5.04 [128.0]
1/4" RC (BSP)	14.42 [116.9]

* OVERALL LENGTH FINGER TIGHT



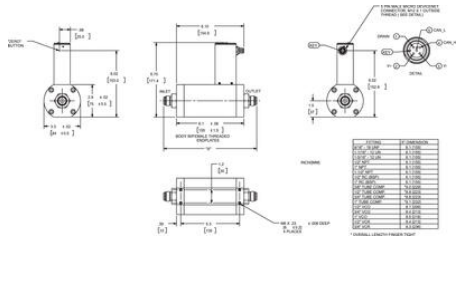
FITTING	"A" DIMENSION (WITH STANDARD FILTER)	"A" DIMENSION (WITHOUT FILTER)	"D" DIMENSION
3/8"-18 UNF	6.19 [95.8]	4.97 [126]	N/A
1/8" TUBE COMP	6.19 [95.8]	*4.89 [124.1]	11.61 [294.7]
3/8" TUBE COMP	6.49 [164.8]	*4.93 [125.2]	11.61 [294.7]
1/2" TUBE COMP	6.49 [164.8]	*5.19 [131.8]	11.61 [294.7]
1/4" VCR	6.19 [157.3]	4.89 [124.1]	11.61 [294.7]
1/4" VCO	6.19 [157.3]	4.89 [124.1]	11.61 [294.7]
1/4" NPT	6.19 [157.3]	5.07 [128.8]	11.61 [294.7]
6mm TUBE COMP	6.49 [164.8]	*4.89 [124.1]	11.61 [294.7]
10mm TUBE COMP	6.49 [164.8]	*5.19 [131.8]	11.61 [294.7]
3/8"-13" VCR	6.49 [164.8]	5.19 [131.7]	11.61 [294.7]
3/8"-13" VCO	6.49 [164.8]	5.01 [127.3]	11.61 [294.7]
1/4" RC (BSP)	6.49 [164.8]	14.39 [116.6]	11.61 [294.7]

* OVERALL LENGTH FINGER TIGHT



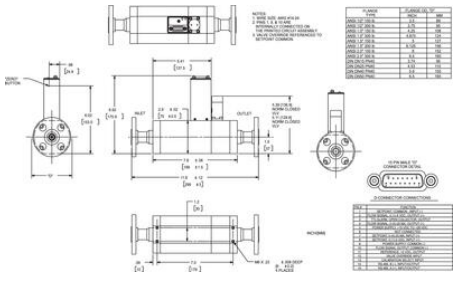
FITTING	"A" DIMENSION
1/8" TUBE COMP	*4.89 [123.7]
1/4" TUBE COMP	*4.93 [127.7]
3/8" TUBE COMP	*5.19 [131.8]
1/4" VCR	4.89 [124.1]
1/4" VCO	4.89 [124.1]
1/4" NPT	5.07 [128.8]
6mm TUBE COMP	*4.89 [124.1]
10mm TUBE COMP	*5.19 [131.8]
3/8"-13" VCR	5.19 [131.7]
3/8"-13" VCO	5.01 [127.3]
1/4" RC (BSP)	14.39 [116.6]

* OVERALL LENGTH FINGER TIGHT

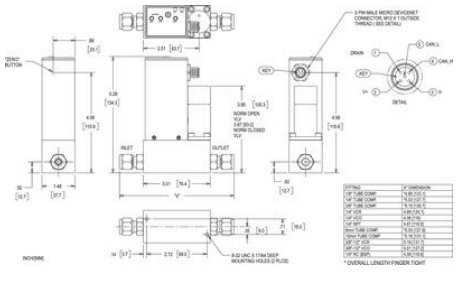


FITTING	"A" DIMENSION
1/8" OD UNF	4.73 [120]
1-13/16"-12 UN	4.73 [120]
1/8" TUBE COMP	4.73 [120]
1/4 NPT	4.73 [120]
1/4" NPT	4.73 [120]
1/4" RC (BSP)	4.73 [120]
3/8" TUBE COMP	5.03 [127.7]
1/4" TUBE COMP	4.73 [120]
1/4" VCO	4.73 [120]
3/8"-13" VCR	5.03 [127.7]
3/8"-13" VCO	4.85 [123.2]
1/4" RC (BSP)	14.23 [116]

* OVERALL LENGTH FINGER TIGHT

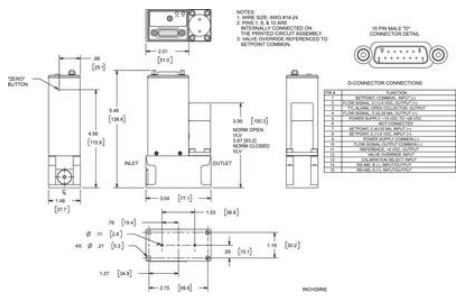


PIN #	FUNCTION
1	SETPOINT COMMON - INPUT (-)
2	FLOW SIGNAL, 0-5/0-10 VDC OUTPUT
3	FLOW SIGNAL, 4-20 mA OUTPUT
4	POWER SUPPLY +15 VDC TO +28 VDC
5	NOT CONNECTED
6	SETPOINT, 0-5/0-10 VDC, INPUT (+)
7	SETPOINT, 4-20 mA, INPUT (+)
8	POWER SUPPLY COMMON (-)
9	FLOW SIGNAL OUTPUT COMMON (-)
10	REFERENCE, +5 VDC OUTPUT
11	VALVE OVERRIDE INPUT
12	CALIBRATION SELECT INPUT
13	RS-485, B (+), INPUT/OUTPUT
14	RS-485, A (-), INPUT/OUTPUT
15	NOT CONNECTED



FITTING	"A" DIMENSION
1/8" TUBE COMP	*4.89 [123.7]
1/4" TUBE COMP	*4.93 [127.7]
3/8" TUBE COMP	*5.19 [131.8]
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1/4" VCO	4.89 [124.1]
1/4" NPT	5.07 [128.8]
6mm TUBE COMP	*4.89 [124.1]
10mm TUBE COMP	*5.19 [131.8]
3/8"-13" VCR	5.19 [131.7]
3/8"-13" VCO	5.01 [127.3]
1/4" RC (BSP)	14.39 [116.6]

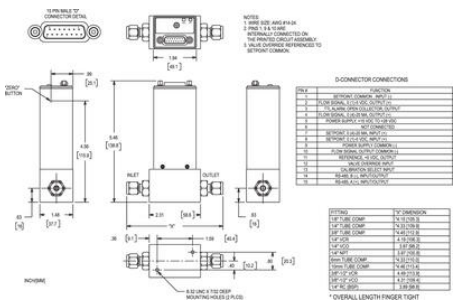
* OVERALL LENGTH FINGER TIGHT



PIN #	FUNCTION
1	SETPOINT COMMON - INPUT (-)
2	FLOW SIGNAL, 0-5/0-10 VDC, OUTPUT (+)
3	FLOW SIGNAL, 4-20 mA OUTPUT
4	POWER SUPPLY +15 VDC TO +28 VDC
5	NOT CONNECTED
6	SETPOINT, 0-5/0-10 VDC, INPUT (+)
7	SETPOINT, 4-20 mA, INPUT (+)
8	POWER SUPPLY COMMON (-)
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1/8" TUBE COMP	*4.89 [123.7]
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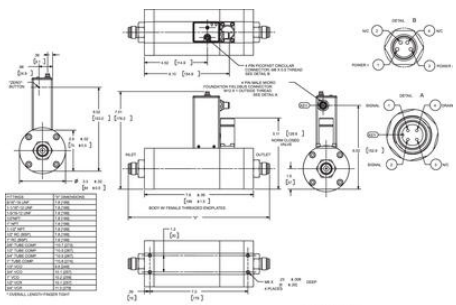
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PIN #	FUNCTION
1	SETPOINT COMMON - INPUT (-)
2	FLOW SIGNAL, 0-5/0-10 VDC, OUTPUT (+)
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5	NOT CONNECTED
6	SETPOINT, 0-5/0-10 VDC, INPUT (+)
7	SETPOINT, 4-20 mA, INPUT (+)
8	POWER SUPPLY COMMON (-)
9	FLOW SIGNAL OUTPUT COMMON (-)
10	REFERENCE, +5 VDC OUTPUT
11	VALVE OVERRIDE INPUT
12	CALIBRATION SELECT INPUT
13	RS-485, B (+), INPUT/OUTPUT
14	RS-485, A (-), INPUT/OUTPUT
15	NOT CONNECTED

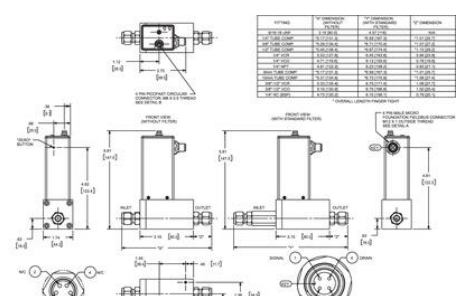
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1/4" VCR	4.92 [125.0]
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6mm TUBE COMP	*4.92 [125.0]
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3/8"-13" VCR	5.22 [132.6]
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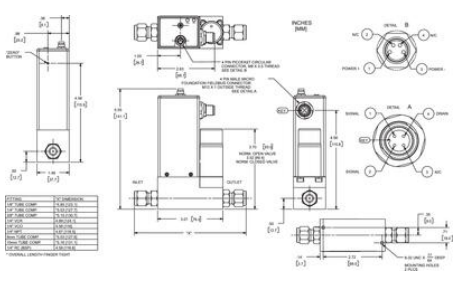
FITTING	"A" DIMENSION
1/8" OD UNF	4.73 [120]
1-13/16"-12 UN	4.73 [120]
1/8" TUBE COMP	4.73 [120]
1/4 NPT	4.73 [120]
1/4" NPT	4.73 [120]
1/4" RC (BSP)	4.73 [120]
3/8" TUBE COMP	5.03 [127.7]
1/4" TUBE COMP	4.73 [120]
1/4" VCO	4.73 [120]
3/8"-13" VCR	5.03 [127.7]
3/8"-13" VCO	4.85 [123.2]
1/4" RC (BSP)	14.23 [116]

* OVERALL LENGTH FINGER TIGHT



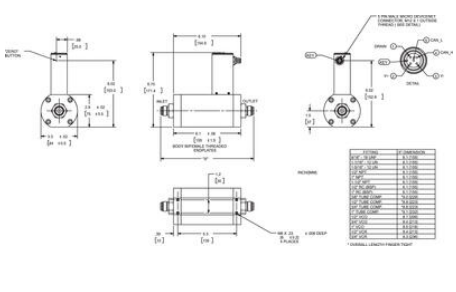
FITTING	"A" DIMENSION (WITHOUT FILTER)	"A" DIMENSION (WITH STANDARD FILTER)	"D" DIMENSION
3/8"-18 UNF	4.97 [126]	6.19 [95.8]	N/A
1/8" TUBE COMP	*4.89 [124.1]	6.19 [95.8]	11.61 [294.7]
3/8" TUBE COMP	*4.93 [125.2]	6.49 [164.8]	11.61 [294.7]
1/2" TUBE COMP	*5.19 [131.8]	6.49 [164.8]	11.61 [294.7]
1/4" VCR	4.89 [124.1]	6.19 [157.3]	11.61 [294.7]
1/4" VCO	4.89 [124.1]	6.19 [157.3]	11.61 [294.7]
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6mm TUBE COMP	*4.89 [124.1]	6.49 [164.8]	11.61 [294.7]
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3/8"-13" VCR	5.19 [131.7]	6.49 [164.8]	11.61 [294.7]
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* OVERALL LENGTH FINGER TIGHT



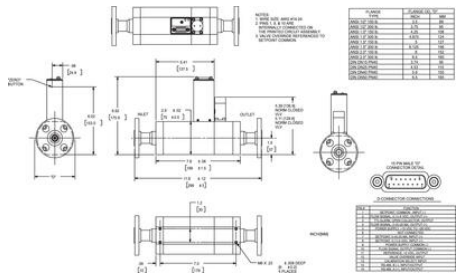
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3/8"-13" VCR	5.03 [127.7]
3/8"-13" VCO	4.85 [123.2]
1/4" RC (BSP)	14.23 [116]

* OVERALL LENGTH FINGER TIGHT


NOTES:
1. WIRE SIZE: AWG #14-24
2. TORQUE: 5 in-lbs
INTERNALLY CONNECTED ON
THE PRINTED CIRCUIT ASSEMBLY
3. CONNECTOR REFERENCED TO
BOTH END CONNECTION
FLANGE
FLANGE QTY "D"
INCH
MM
ANSI 150 (Class)
4 IN
DN
ANSI 300 (Class)
4 IN
DN
ANSI 600 (Class)
4 IN
DN
ANSI 900 (Class)
4 IN
DN
ANSI 1500 (Class)
4 IN
DN
ANSI 2500 (Class)
4 IN
DN
DIN (PN10 Flat)
4 IN
DN
DIN (PN16 Flat)
4 IN
DN
DIN (PN25 Flat)
4 IN
DN
DIN (PN40 Flat)
4 IN
DN
TOUCH
BUTTON
OUTLET
INLET
NORM CLOSED
NORM CLOSED
15 PIN MALE "D"
CONNECTOR DETAIL
D-CONNECTOR CONNECTIONS
PIN #
SIGNAL
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15