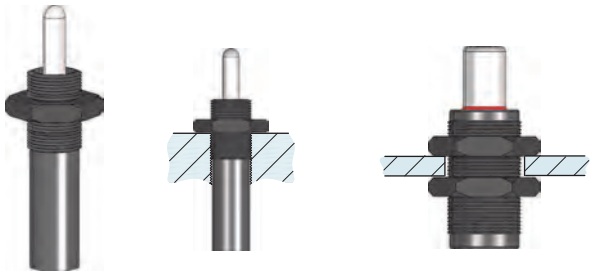
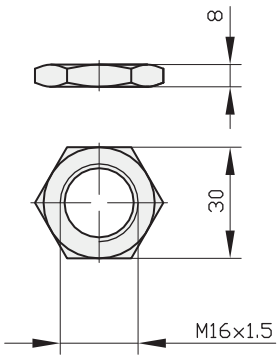
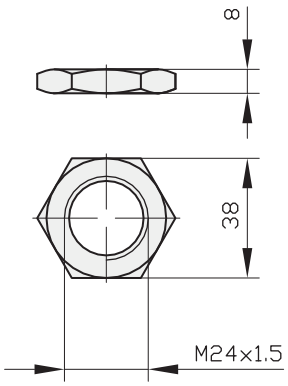
FLANGE FR



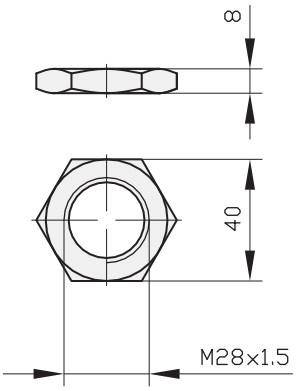
FR 16



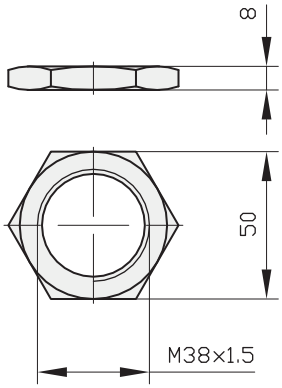
FR 24



FR 28



FR 38



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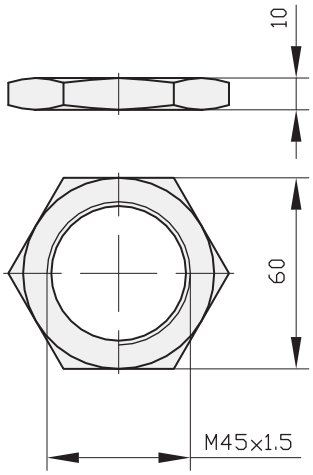
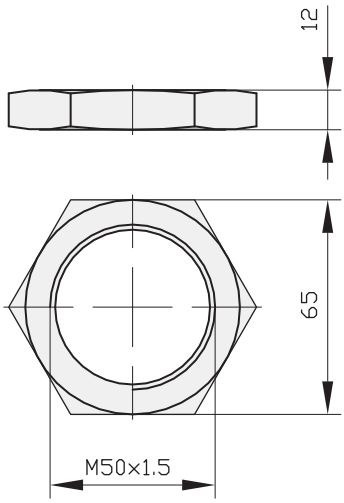
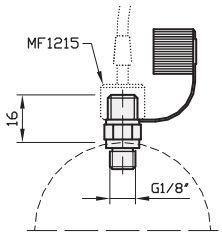


FR 50



FITTING RMF-D1



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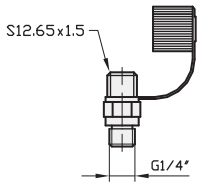

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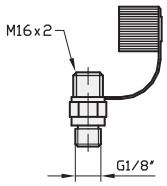
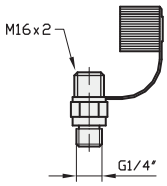
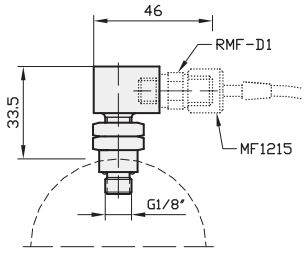


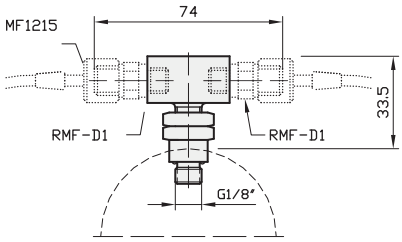
FITTING RMF-D4



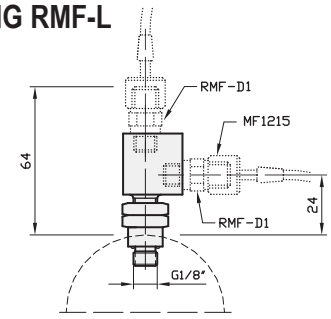
FITTING RMF-C



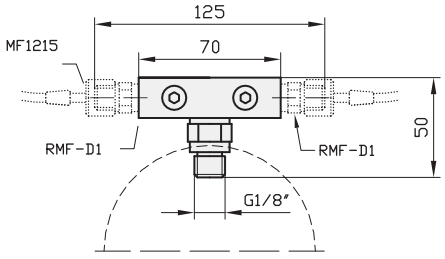
FITTING RMF-T



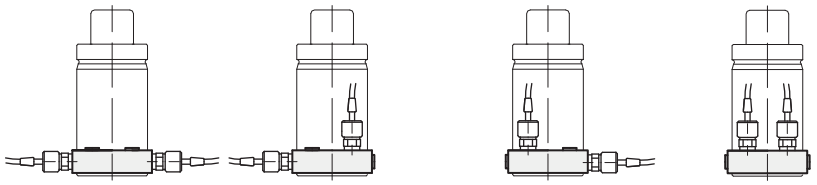
FITTING RMF-L



FITTING RMF-M

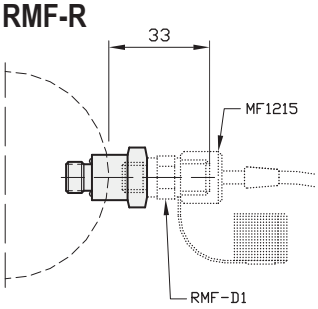


How to order



RMF-M1 RMF-M2 RMF-M3 RMF-M4

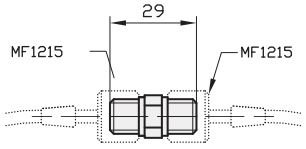
FITTING RMF-R



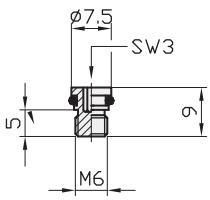
Models:

P & PE 1000, S & SE 750, X & XE 2400

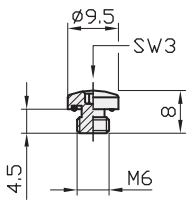
FITTING RMF-FH



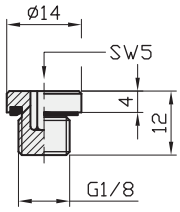
PLUG M6-1



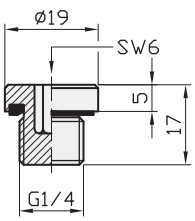
PLUG M6-2



PLUG G1/8



PLUG G1/4



Accessories

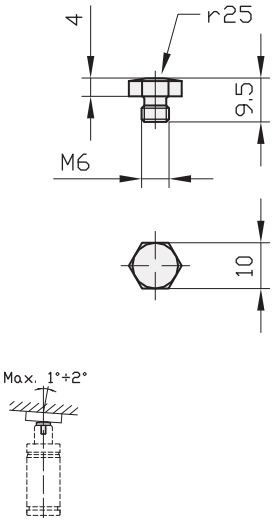
FILLING VALVE TPFV1

FILLING VALVE TPFV2

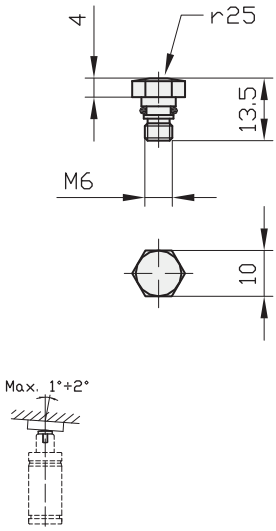
FILLING VALVE TPFV3

FILLING VALVE TPFV4

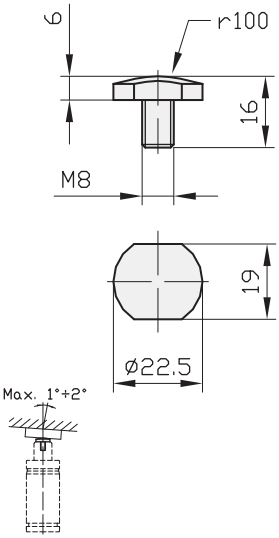
THRUST PLATE TPSC-M6



THRUST PLATE TPSC-M6OR



THRUST PLATE TPSC-M8L



THRUST PLATE TPSC-M8C

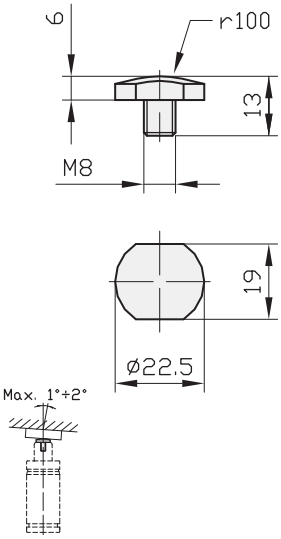
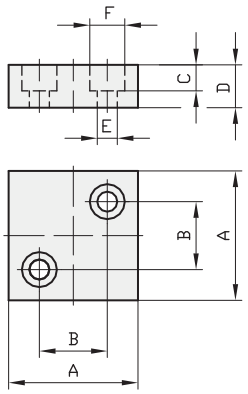
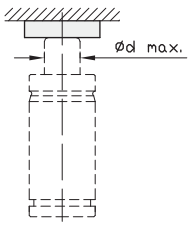


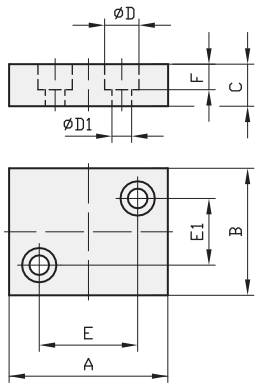
PLATE TPSP

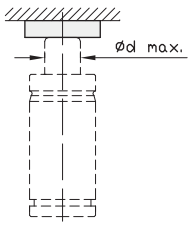




Modelo Model	Ø d max	A mm	B mm	C mm	D mm	E mm	F mm
TPSP 22	22	40	21	10	15	9	15
TPSP 36	36	56	32	13	20	11	18
TPSP 65	65	71	48	13	20	11	18
TPSP 95	95	84	60	13	25	11	18

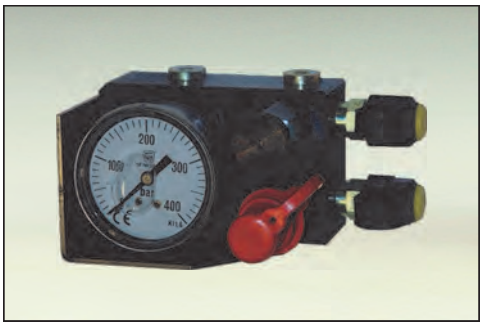
PLATE TPSPR

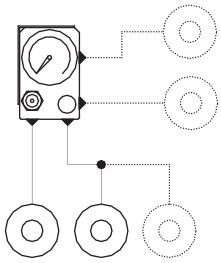




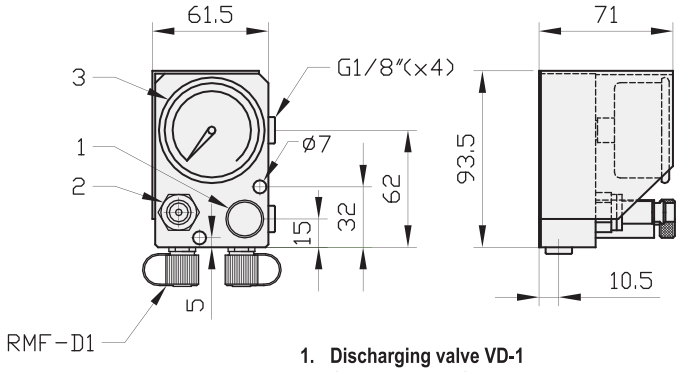
Modelo Model	Ø d max	A mm	B mm	C mm	Ø D1 mm	Ø D mm	E mm	E1 mm	F mm
TPSPR-1	15	50	25	12	7	11	32	8	7
TPSPR-2	20	55	50	12	7	11	40	14	7
TPSPR-3	25	70	35	15	9	15	48	14	9
TPSPR-4	36	75	50	15	9	15	56	30	9
TPSPR-5	50	85	60	15	9	15	66	40	9
TPSPR-6	65	100	80	20	11	18	72	56	11
TPSPR-7	80	110	100	20	11	18	85	75	11

MINI CONTROL PANEL P110





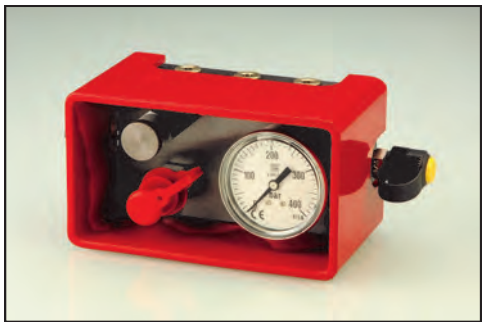
Max. 4 connectors

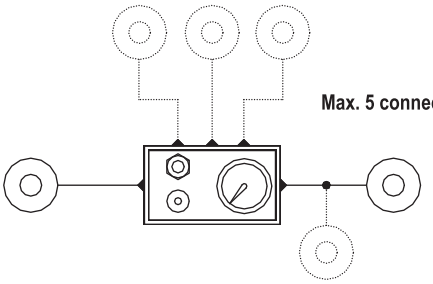


1. **Discharging valve VD-1**
2. **Quick coupling for charging ERM**
3. **Pressure gauge MP-1**

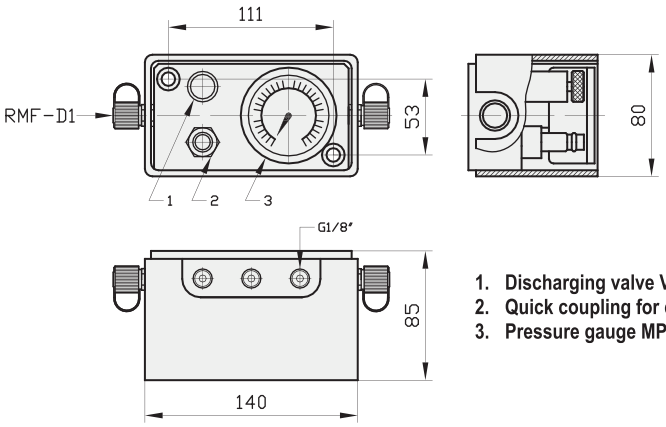
Mini-control panel: this small-sized device is used for the permanent control of gas-spring pressure. It is equipped with a quick-fit socket for gas charging and a discharging valve for decompression. P110 control panels have up to 4 G1/8" outlets for a gas spring interconnection. Pressure gauge range is from 0 to 400 Bar.

CONTROL PANEL P100





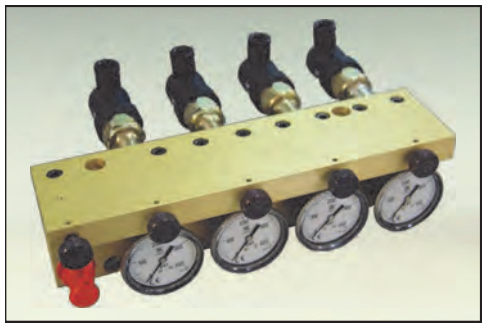
Max. 5 connectors

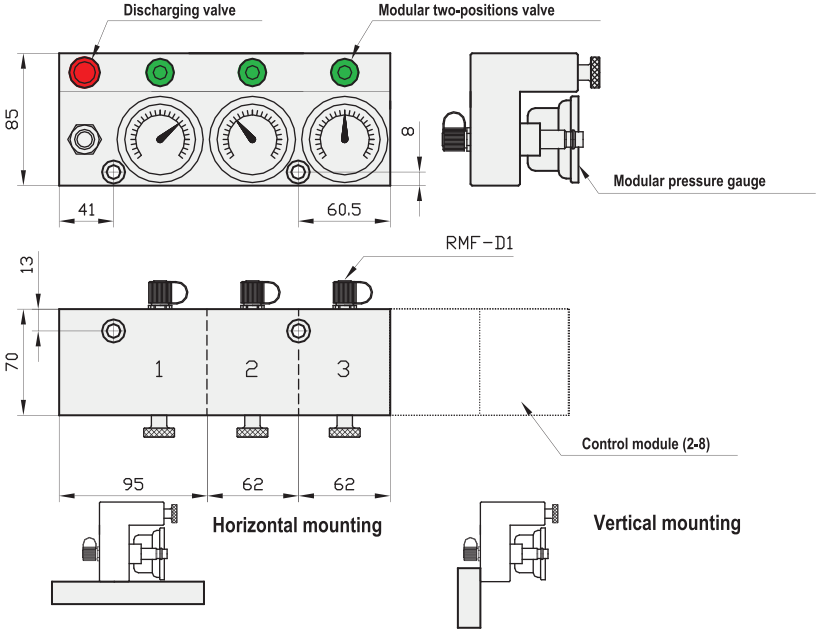


1. **Discharging valve VD-1**
2. **Quick coupling for charging ERM**
3. **Pressure gauge MP-1**

Standard control panel. This device is used for permanently controlling gas spring pressure. It is equipped with a quick-fit socket and discharging valve for decompression. The P100 control panel has up to 5 G 1/8 outlets for interconnecting gas springs. Pressure gauge range is from 0 to 400 Bar.

MULTIPLE CONTROL PANEL PM101





How to order

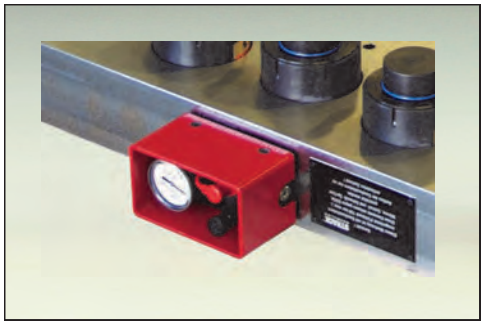
Reference control panel - number of units

Example: PM101 - 3

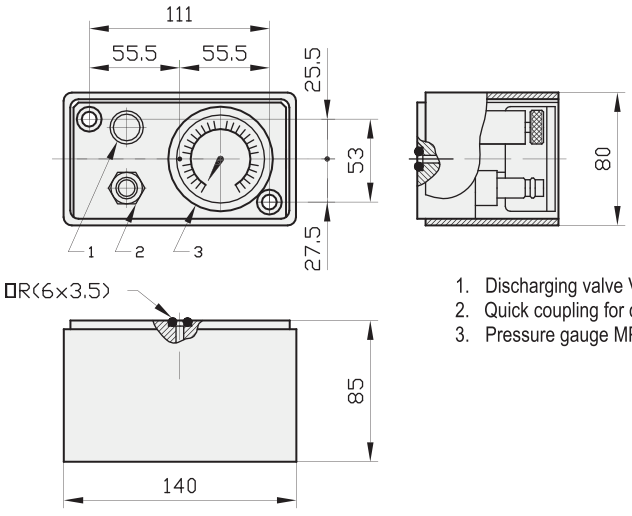
This is the PM101 modular multiple control panel, for controlling nitrogen systems. Each module individually controls each gas spring or gas-spring system, making individual or group filling or emptying possible.

CHARACTERISTICS: each module has a G1/8 outlet for interconnection. The control panel can be assembled on its lower base or on its back. Each model has pressure gauge with a range from 0 to 400 Bar.

CONTROL PANEL FOR MANIFOLD PLATE P100M



Standard control panel with a rear outlet for manifold plates: this device is used for the permanent control of gas springs interconnected by means of a manifold plate. It is equipped with a quick-fit socket for gas charging and a discharging valve for decompression. Pressure gauge range is from 0 to 400 Bar.

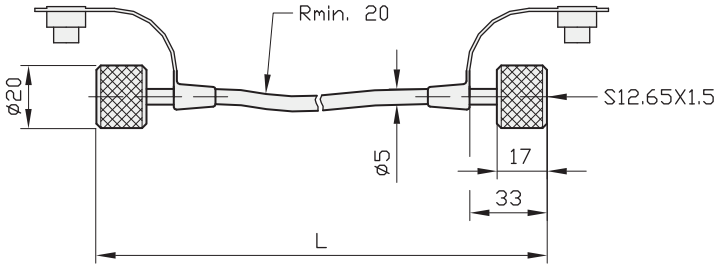


1. Discharging valve VD-1
2. Quick coupling for charging ERM
3. Pressure gauge MP-1

FLEXIBLE HOSE MF1215-RR

MF1215-RR - L

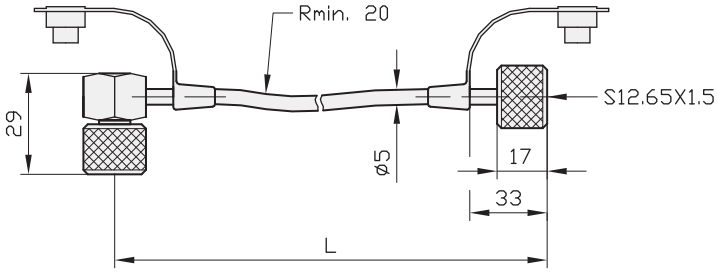
Model Length



FLEXIBLE HOSE MF1215-RC

MF1215-RC - L

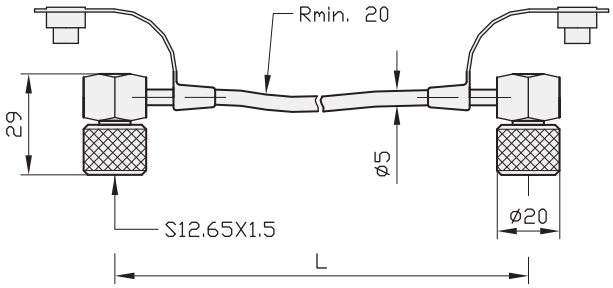
Model Length



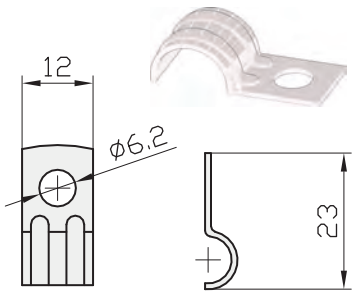
FLEXIBLE HOSE MF1215-CC

MF1215-CC - L

Model Length



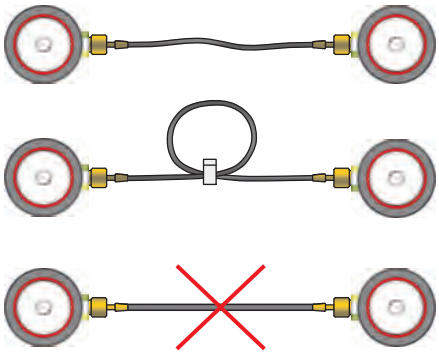
FLANGE FOR HOSE FIXTURE BL-1



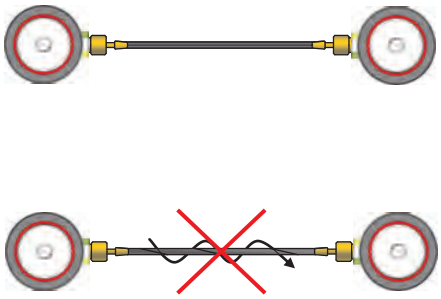
FLANGE FOR HOSE FIXTURE BL-2

HOSE INSTALLATION GUIDELINES

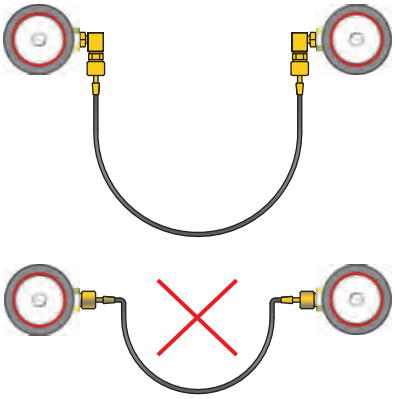
In order to avoid pressure losses during the interconnected gas spring connection process, the two ends of the hose are to be screwed in simultaneously.



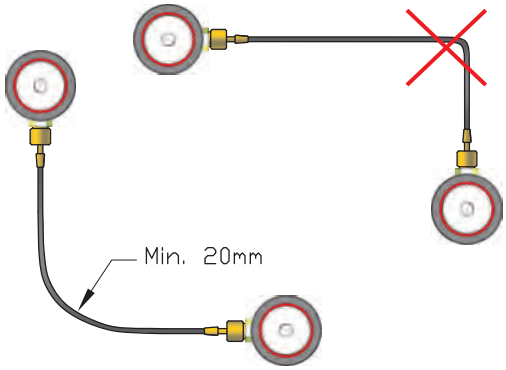
Hose length should be a little more than the exact length (10 or 20% more).



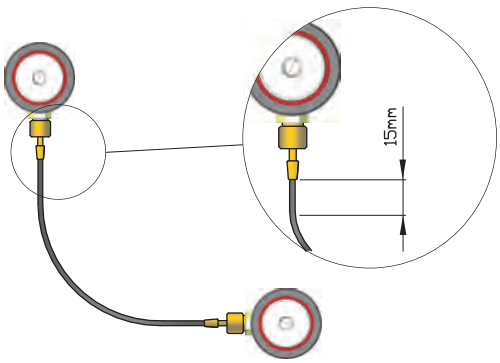
The hose must not be twisted during the installation process.



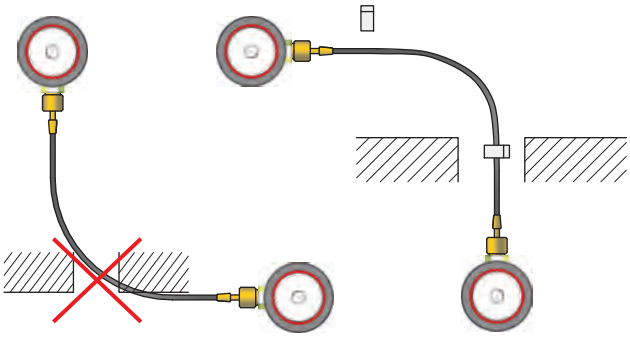
Avoid sharp bends in the hose.



During the installation the minimum curve radius should be respected, 20mm.

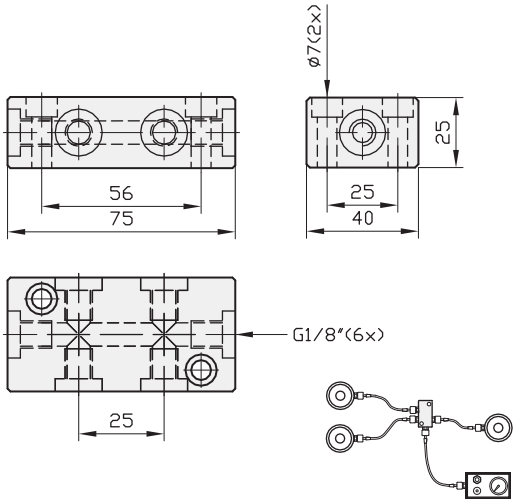


To avoid damage in the connection, the hose should extend in a straight line for at least 15 mm.



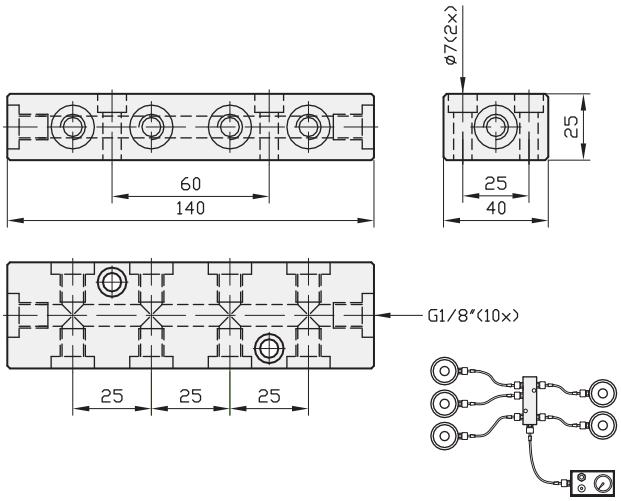
Flange the hose so as to avoid mechanical damage due to vibration, with BL-1 or BL-2 flange.

DISTRIBUTION BLOCK BD 6



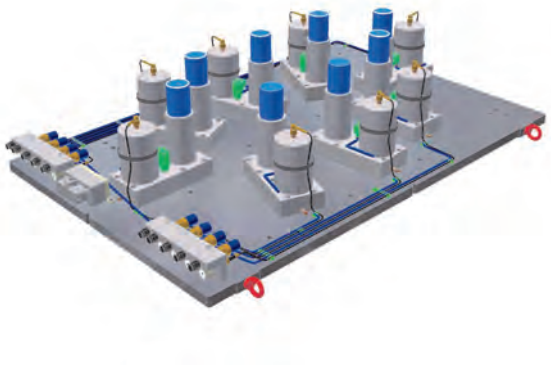
On delivery, all ports are fitted with sealing plugs

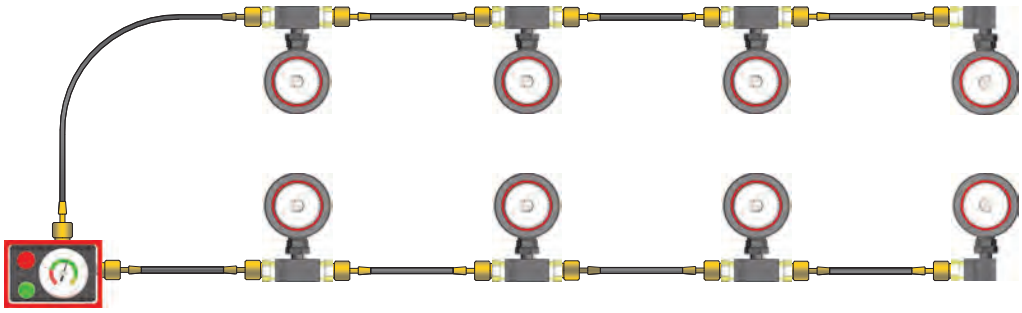
DISTRIBUTION BLOCK BD 10



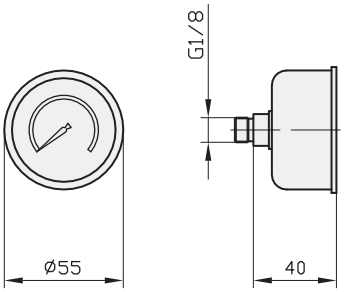
On delivery, all ports are fitted with sealing plugs

INTERCONNECTED GAS SPRINGS EXAMPLES

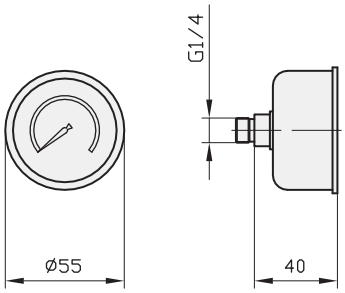




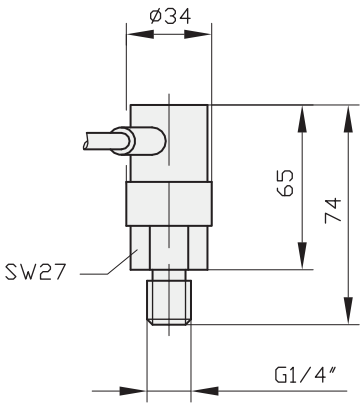
PRESSURE GAUGE MP-1

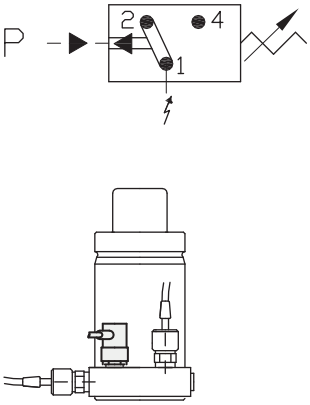


PRESSURE GAUGE MP-2

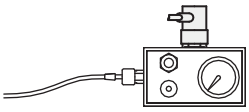


PRESSURE SWITCH





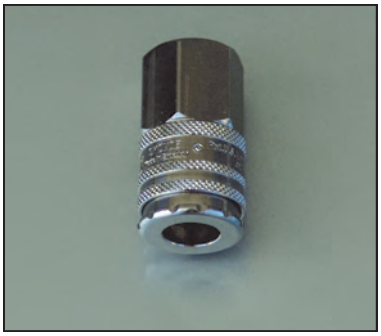
Technical data:
Work field: 50-200 Bar
Working temperature: -30ºC - 100ºC
Operation Voltage: 4A / 250V
Operating frecuency: < 200 min^{-1}



ERM

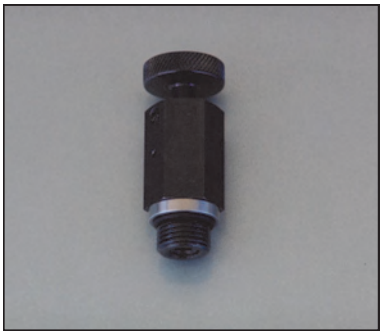
MALE QUICK-COUPLING FOR CHARGING

ERH



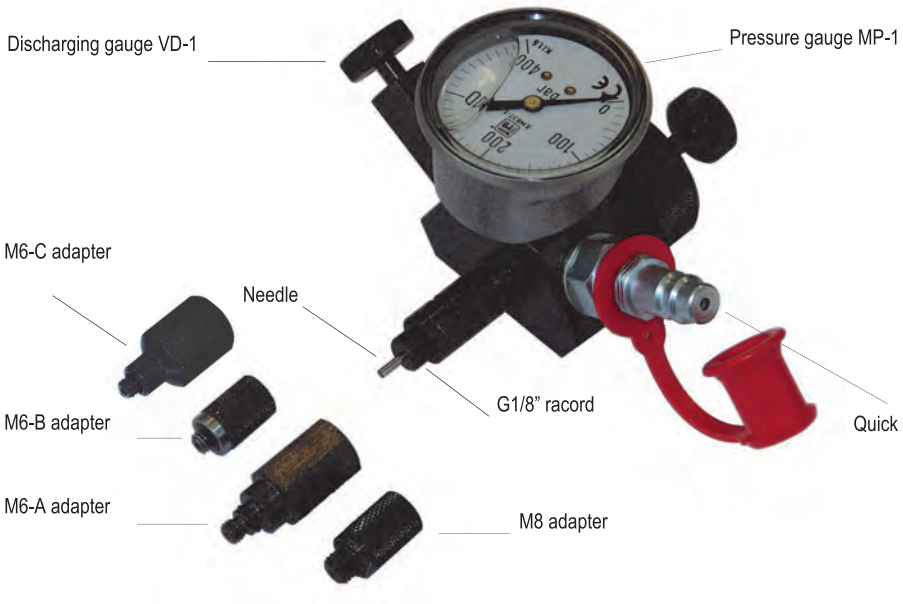
FEMALE QUICK-COUPLING FOR CHARGING

VD-1



DISCHARGING VALVE

UC-101 CONTROL UNIT



The UC 101 control unit will allow for charging, discharging and pressure control for all gas springs. During pressure-checking operations, there is an approximate 10% loss of gas.

INSTRUCTIONS OF USE

For gas springs with a G1/8" thread

Step 1: unscrew the G1/8"spindle half-way until the needle goes in fully.
Step 2: screw the gas spring on to the G1/8"connector.

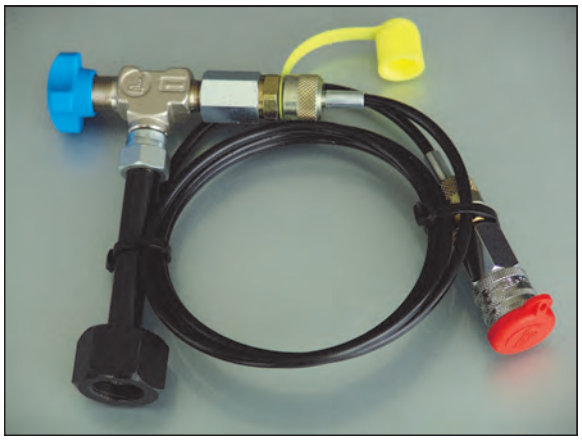
For gas springs with a M6 or M8 thread

Step 1: screw an M6-A or M8 adaptor (as necessary) onto the G1/8" connector thread. If necessary, also screw in a M6-B or M6-C adaptor to the M6-A adaptor.
Step 2: screw the gas spring in the charging tool on to the M6-A or M6-B or M6-C or M8 connector (as necessary).
Step 3: plug the UC-103 charging hose into the quick coupling fitting.
Step 4: slowly open the valve in the UC-103 charging hose until the desired pressure is attained in the pressure gauge. Close the valve.

UC-102 CHARGING UNIT FOR AUTONOMOUS GAS SPRINGS

The UC-102 charging unit is a charging device for autonomous gas springs. It is supplied with G1/8, M6A, M6-B, M6-C and M8 poses and charging couplings.

UC-103 CHARGING UNIT FOR CONTROL PANEL



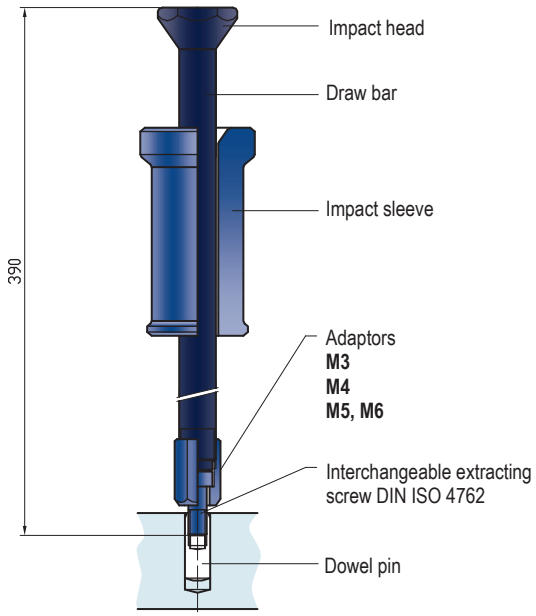
The UC-103 charging unit is a charging device for gas springs that are interconnected by means of a control panel.

TPN2-AA30 NITROGEN GAS CHARGER

Maximum compression pressure	200 Bar
Pump feed (not lubricated air)	Air 7.0 Bar
Oil flow	2.8 l/min
Weight	12Kg

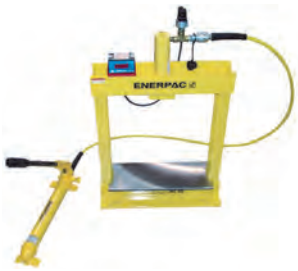
Nitrogen gas charger TPN2-AA30 allows an optimum use of nitrogen bottles until a residual pressure of 20 bar is reached. Simple and safe to use, it has been designed to charge or complete gas charging for gas springs or manifold systems. The TPN2-AA30 charger uses pressurised air (max. 7 bar) and is composed of a hydro-mechanic pump, the piston accumulator for the compression of nitrogen, inlet and release decompression valves. The system is assembled on a base with handles for easy transportation.

EXP-01 DOWEL PIN EXTRACTOR



Content:
355 mm draw bar
Sliding impact sleeve
Adaptor with interchangeable screw M3 (DIN ISO 4762)
Adaptor with interchangeable screw M4 (DIN ISO 4762)
Adaptor with interchangeable screw M5 y M6 (DIN ISO 4762)
Adaptor with interchangeable screw M8 y M10 (DIN ISO 4762)
M12 adaptor
M16 adaptor

UM-102 PRESS (TABLETOP VERSION)



This is a specific tool for measuring the force of the gas spring, designed to periodically check gas spring normal force.

It is quick and simple to use, and reliable. The digital pressure gauge requires connection to the electrical mains (220V AC). To check the force of a gas spring, it is necessary to compress it 1-3mm in the press. The initial force (daN) of the gas spring appears in the digital pressure gauge.

Measuring capacity: 0-10Ton.
Resolution: 5 daN
Maximum gas spring height: 380 mm

UM-103 PRESS (STANDING VERSION)

This is a specific tool for measuring the force of the gas spring, designed to periodically check gas spring normal force.

It is quick and simple to use, and reliable. The digital pressure gauge requires connection to the electrical mains (220V AC). To check the force of a gas spring, it is necessary to compress it 1-3mm in the press. The initial force (daN) of the gas spring appears in the digital pressure gauge.

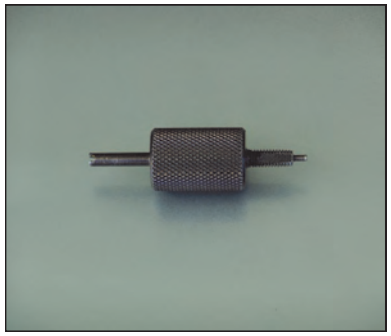
Measuring capacity: 0-10Ton.
Resolution: 5 daN
Maximum gas spring height: 800 mm

M6 EXTRACTOR KEY EM6

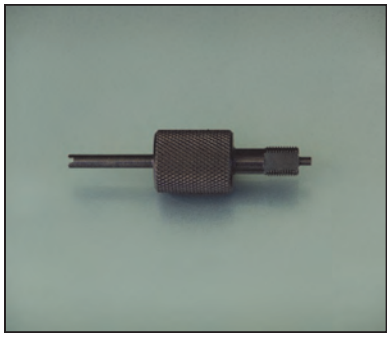
M8 EXTRACTOR KEY EM8

MAINTENANCE KIT

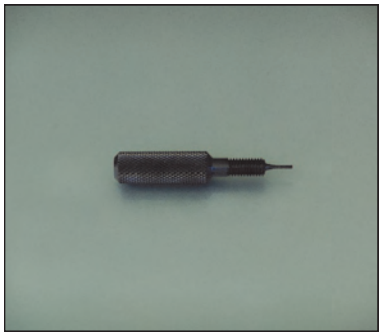
VALVE DEVICE DV-M6



VALVE DEVICE DV-G1/8



VALVE DEVICE **DV-M6B**



IDENTIFICATION PLATE

LEAK DETECTOR SPRAY