

**METROLOGÍA**  
Flow measuring  
Test du circuit hydraulique  
Test per circuiti idraulici



**CONEXIONES SERIE MICRO-HOSE 114**

Micro-hose fittings  
Embouts manomètres  
Raccordi per micro-tubi

**RACORES DE CONTROL 116**

Test couplings  
Prises de pression  
Prese di pressione

**INSTRUMENTOS DE MEDICIÓN 120**

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

**MEDIDORES DE CAUDAL 124**

Flow tester  
Débitmètres  
Indicatori di flusso

FLUIDAL

## CONEXIONES SERIE MICRO-HOSE

Micro-hose fittings  
Embouts manomètres  
Raccordi per micro-tubi

Mangueras para tomas de manómetro ▪ Hoses for check couplings for manometers ▪ Tuyaux capillaires mini-  
mess ▪ Tubi per prese di pressione

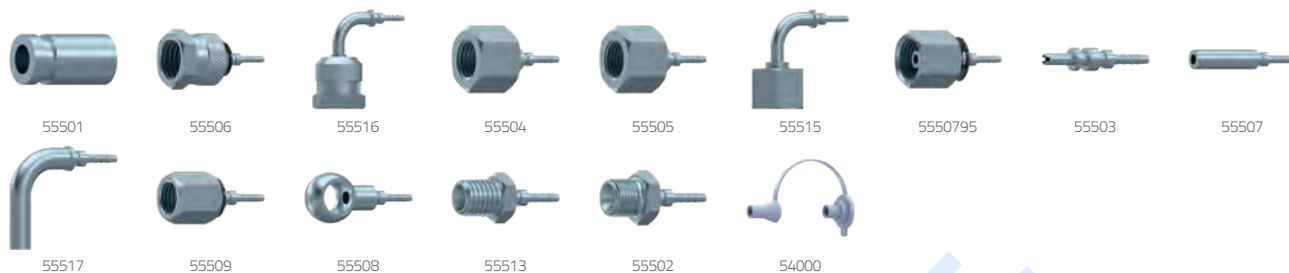
114



MT010

Conexiones ▪ Crimp fittings ▪ Embouts à sertir minimess ▪ Raccordi a pressare

114



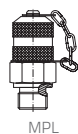
FLUIDAL

## RACORES DE CONTROL

Test couplings  
Prises de pression  
Prese di pressione

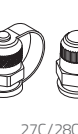
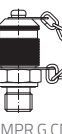
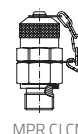
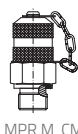
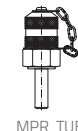
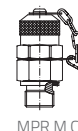
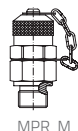
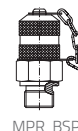
Tomas de presión 16x1.5 ▪ Check couplings for manometers 16x1.5 ▪ Prises de pression 16x1.5 ▪ Prese di pressione 16x1.5

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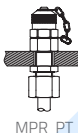
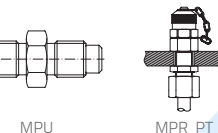
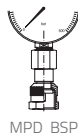
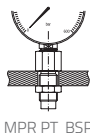
Tomas de presión 16x2 ▪ Check couplings for manometers 16x2 ▪ Prises de pression 16x2 ▪ Prese di pressione 16x2

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Tomas de presión manómetros ▪ Accessoires and adaptors ▪ Accessoires et adaptateurs minimess ▪ Accessori e adattatori

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Válvulas para manómetros ▪ Valves for manometers ▪ Valves pour manètres ▪ Valvole per manometri

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## INSTRUMENTOS DE MEDICIÓN

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Manomètres et vacuomètres

Manometri e vacuometri

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### Vacuómetros ▪ Vacuum gauges ▪ Vacuomètres ▪ Vacuometri

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## MEDIDORES DE CAUDAL

Flow tester  
Débitmètres  
Indicatori di flusso

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Caudalímetros 250 bar ▪ Flow tester 250 bar ▪ Débitmètres 250 bar ▪ Flussostati 250 bar

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WPB3A6H



WPB5A6H



WPB6A6H

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Caudalímetros 300-420 bar ▪ Flow tester 300-420 bar ▪ Débitmètres 300-420 bar ▪ Flussostati 300-420 bar

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FT5758



FT6068



FT5594

FLUIDAL

## CONEXIONES SERIE MICRO-HOSE

Micro-hose fittings  
Embouts manomètres  
Raccordi per micro-tubi

### Mangueras Minimess

Micro-Hose

Tuyaux Minimess

Micro-tubo per presa di pressione



Ø INNER Ø INT.	Part n° Referencia	€
2	MT01002	5,11

### Casquillo manguera Minimess

Micro-hose ferrules

Jupe pour tuyau Minimess

Boccola per Micro-tubo



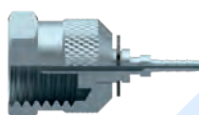
DN	Ø INNER Ø INT.	Ø OUTER Ø EXT.	Part n° Referencia	€
2	5.1	8	555010100	0,53

### Hembra giratoria de control

Check Metric swivel female Micro-hose

Embout femelle tournante de control Métrique Minimess

Presa di pressione femmina



DN	THREAD ROSCA	Part n° Referencia	€
2	M16X1.5	555069521	5,51
2	M16X2	555069523	5,70

### Codo 90° hembra giratoria de control

90° Swivel female check coupling

Coude 90° prise de pression femelle tournante

Presa di pressione femmina 90° girevole



DN	THREAD ROSCA	Part n° Referencia	€
2	M16X2	555169523	46,11

### Hembra giratoria recta BSP

Straight swivel female BSP 60° cone Micro-hose

Embout femelle tournante gaz cyl BSP 60° Minimess

Femmina girevole BSP



DN	THREAD ROSCA	Part n° Referencia	€
2	1/8" BSP	555040202	5,40
2	1/4" BSP	555040404	5,31
2	3/8" BSP	555040606	7,35

### Hembra asiento plano con junta manómetro

Swivel female flat seat with o'ring for manometer Micro-hose

Embout femelle tournante fond plat + o'ring pour manomètre Minimess

Femmina sede piana con o'ring per manometro



DN	THREAD ROSCA	Part n° Referencia	€
2	1/4" BSP	555050404	5,09
2	1/2" BSP	555050808	8,98

### Codo 90° hembra asiento plano con junta manómetro

90° Swivel female flat seat with o'ring for manometer

Coude 90° prise de pression femelle fond plat avec o'ring

Presa di pressione femmina 90° faccia piana con o'ring per manometro



DN	THREAD ROSCA	Part n° Referencia	€
2	1/4" BSP	555150404	45,69

### Hembra giratoria Métrica con junta

Metric swivel female with o'ring

Embout femelle tournante Métrique 24° pour raccord de control + o'ring minimess

Femmina Metrica 24° con o'ring



DN	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
2	6L	M12X1.5	555079510	4,75
2	6S	M14X1.5	555079511	4,75
2	8L	M14X1.5	555079512	4,51
2	8S	M16X1.5	555079523	4,72
2	10L	M16X1.5	555079525	8,95

### Macho de control

Straight Micro-hose check male

Embout mâle manomètre

Presa di pressione maschio



DN	Part n° Referencia	€
2	555030325	3,34

### Espiga lisa Métrica

Metric standpipe Micro-hose

Embout lisse Métrique Minimess

Estremità tubolare Metrica



DN	PIPE TUBO	Part n° Referencia	€
2	6	555070600	3,29
2	8	555070800	3,11

## CONEXIONES SERIE MICRO-HOSE

Micro-hose fittings  
Embouts manomètres  
Raccordi per micro-tubi

### Espiga a 90º lisa Métrica

90° Metric standpipe Micro-hose

Embout lisse coude 90° Métrique Minimess

Estremitá tubolare a 90° Metrica



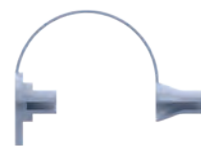
DN	PIPE TUBO	Part n° Referencia	€
2	6	555170600	5,22

### Protector de polvo

Dust protector

Protecteur de poussière

Protezione per polvere



MATERIAL	Part n° Referencia	€
PLASTIC	54000000P	0,32

### Hembra giratoria recta JIC 37º

Straight swivel female JIC 37° Micro-hose

Embout femelle tournante JIC 37° Minimess

Femmina diritta JIC 37°



DN	THREAD ROSCA	Part n° Referencia	€
2	7/16" 20h UNF	555090700	4,52
2	1/2" 20h UNF	555090800	5,85
2	9/16" 18h UNF	555090900	5,97

### Orientable Métrico

Metric Banjo Micro-hose

Embout Banjo Métrique Minimess

Raccordo ad occhio Metrico



DN	Ø	Part n° Referencia	€
2	10	555081000	7,74

### Macho NPT

Male NPT

Mâle NPT

Maschio NPT



DN	THREAD ROSCA	Part n° Referencia	€
2	1/8" NPT	555130200	4,86

### Macho BSP

BSP Male

Mâle BSP

Maschio BSP



DN	THREAD ROSCA	Part n° Referencia	€
2	1/8" BSP	555020202	5,30
2	1/4" BSP	555020404	17,63

## RACORES DE CONTROL

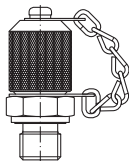
Test couplings  
Prises de pression  
Prese di pressione

### Racor de control rosca Métrica DIN 3852 (tapón metálico)

Check coupling male metric thread (metallic cap)

Prise de pression métrique (capuchon métallique)

Presca di presione Metrica DIN 3852 (tappo metallico)



THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10X1	16x1.5	MPL M 10X1 CM	24,80

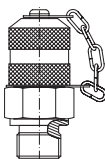
Otras figuras, consultar / For other designs, please consult us / Pour d'autres figures, consultez-nous / Per altre figure, vi preghiamo di consultarci

### Racor de control rosca BSP (tapón metálico)

Check coupling BSP (metallic cap)

Prise de pression BSP (capuchon métallique)

Presca di pressione BSP (tappo metallico)



THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x1.5	MPL 1/8 G CM	10,80
1/4" BSP	16x1.5	MPL 1/4 G CM	10,41

Otras figuras, consultar / For other designs, please consult us / Pour d'autres figures, consultez-nous / Per altre figure, vi preghiamo di consultarci

### Racor de control rosca BSP con junta (tapón plástico)

Check coupling male thread BSP with captive seal (plastic cap)

Prise de pression avec joint (capuchon plastique)

Presca di pressione BSP con guarnizione (tappo plastica)



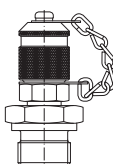
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 C/J	8,26
1/4" BSP	16x2	MPR 1/4 C/J	8,08
3/8" BSP	16x2	MPR 3/8 C/J	8,26
1/2" BSP	16x2	MPR 1/2 C/J	8,64

### Racor de control rosca BSP (tapón plástico)

Check coupling male thread BSP (plastic cap)

Prise de pression (capuchon plastique)

Presca di pressione BSP (tappo plastica)



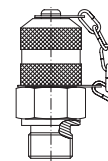
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 G	8,35
1/4" BSP	16x2	MPR 1/4 G	8,35
3/8" BSP	16x2	MPR 3/8 G	8,53
1/2" BSP	16x2	MPR 1/2 G	8,24

### Racor de control rosca cónica BSPT (tapón plástico)

Check coupling male BSP tapered (plastic cap)

Prise de pression BSPT (capuchon plastique)

Presca di pressione conica BSPT (tappo plastica)



THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSPT	16x2	MPR 1/8 BSPT	9,16
1/4" BSPT	16x2	MPR 1/4 BSPT	9,01
3/8" BSPT	16x2	MPR 3/8 BSPT	10,04

### Racor de control rosca NPT (tapón plástico)

Check coupling male thread NPT (plastic cap)

Prise de pression NPTF (capuchon plastique)

Presca di pressione NPTF (tappo plastica)



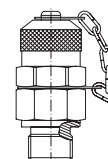
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" NPT	16x2	MPR 1/8 NPT	9,01
1/4" NPT	16x2	MPR 1/4 NPT	9,01
3/8" NPT	16x2	MPR 3/8 NPT	9,20

### Racor de control rosca Métrica DIN 3852 (tapón plástico)

Check coupling male metric thread (plastic cap)

Prise de pression métrique (capuchon plastique)

Presca di pressione Metrica DIN 3852 (tappo plastica)



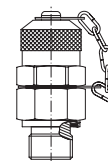
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10X1	16x2	MPR M10X1	9,63
M12X1.5	16x2	MPR M12X1.5	9,01
M14X1.5	16x2	MPR M14X1.5	9,01
M16X1.5	16x2	MPR M16X1.5	9,20

### Racor de control macho Métrico con junta (Tapón plástico)

Check coupling male metric thread + o-ring (plastic cap)

Prise de pression métrique avec o-ring (capuchon plastique)

Presca di pressione Metrica con o-ring (tappo plastica)



THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10x1	M16X2	MPR M10X1 C/J	8,74
M12x1.5	M16X2	MPR M12X1.5 C/J	8,74
M14x1.5	M16X2	MPR M14X1.5 C/J	8,07
M16x1.5	M16X2	MPR M16X1.5 C/J	9,28



## RACORES DE CONTROL

Test couplings  
Prises de pression  
Prese di pressione

### Racor de control rosca Métrica (tapón plástico)

Check coupling male metric thread (plastic cap)

Prise de pression métrique (capuchon plastique)

Presca di pressione Metrica (tappo plastica)



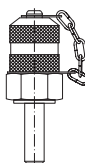
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M8X1	16x2	MPR A 8X1	8,91
M10X1	16x2	MPR A 10X1	8,91
M10X1.25	16x2	MPR A 10X1.25	8,91

### Racor de control tubular Métrico (tapón plástico)

Check coupling male metric tubular (plastic cap)

Prise de pression avec embout lisse (capuchon plastique)

Presca di pressione con tubolare Metrico (tappo plastica)



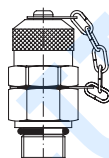
PIPE TUBO	DESCRIPTION DESCRIPCION	Part n° Referencia	€
6	16x2	MPR TUB.6	8,86
8	16x2	MPR TUB.8	8,71
10	16x2	MPR TUB.10	8,71
12	16x2	MPR TUB.12	8,71
15	16x2	MPR TUB.15	8,86

### Racor de control rosca SAE - UNF (tapón plástico)

Check coupling male thread UNF (plastic cap)

Prise de pression filetage SAE/UNF (capuchon plastique)

Presca di controllo SAE - UNF (tappo plastica)



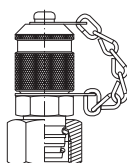
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
7/16" 20h UNF	16x2	MPR 7/16 UNF	8,91
1/2" 20h UNF	16x2	MPR 1/2 UNF	8,91
9/16" 18h UNF	16x2	MPR 9/16 UNF	8,91

### Racor de control hembra giratoria Métrica con junta (tapón metálico)

Check coupling Metric swivel female + o'ring (metallic cap)

Prise de pression femelle tournante Métrique + o'ring (capuchon métallique)

Presca di pressione femmina girevole Metrica con o'ring (tappo metallico)



PIPE TUBO	THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
6L	M12X1.5	16x2	MPR TLM 6L CM	13,95
8L	M14X1.5	16x2	MPR TLM 8L CM	14,51
10L	M16X1.5	16x2	MPR TLM 10L CM	15,04
12L	M18X1.5	16x2	MPR TLM 12L CM	14,20
15L	M22X1.5	16x2	MPR TLM 15L CM	12,86

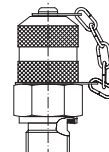
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### Racor de control macho Métrico con junta (tapón metálico)

Check coupling metric male + o'ring (metallic cap)

Prise de pression mâle + o'ring (capuchon métallique)

Presca di pressione maschio Metrico con o'ring (tappo metallico)



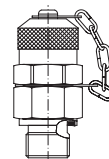
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10X1	16x2	MPR M 10X1 CM	9,71
M12X1.5	16x2	MPR M 12X1.5 CM	10,40

### Racor de control rosca BSP con junta tórica (tapón metálico)

Check coupling BSP with o'ring (metallic cap)

Prise de pression BSP avec o'ring (capuchon métallique)

Presca di pressione BSP con o-ring (tappo metallico)



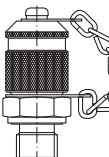
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 C/J CM	9,71
1/4" BSP	16x2	MPR 1/4 C/J CM	8,81

### Racor de control rosca BSP (tapón metálico)

Check coupling BSP (metallic cap)

Prise de pression BSP (capuchon métallique)

Presca di pressione BSP (tappo metallico)



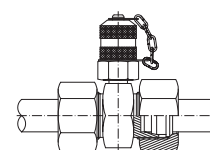
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 G CM	10,19
1/4" BSP	16x2	MPR 1/4 G CM	10,19

### Racor de control intermedio (tapón metálico)

Half-way check coupling (metallic cap)

Prise de pression intermédiaire (capuchon métallique)

Presca di pressione intermedio (tappo metallico)



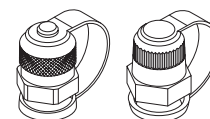
PIPE TUBO	DESCRIPTION DESCRIPCION	Part n° Referencia	€
6L	16x2	MPR DL 6 CM	29,29
8L	16x2	MPR DL 8 CM	17,43
10L	16x2	MPR DL 10 CM	18,33
12L	16x2	MPR DL 12 CM	18,93
15L	16x2	MPR DL 15 CM	19,94

### Capuchón protector toma de presión

Protective cap - check coupling for manometer

Capuchon Minimes

Cappuccio di protezione per presa di pressione



MATERIAL	Part n° Referencia	€
CARBON STEEL	27CA0000*	2,42
CARBON STEEL	NEW 27CA0000C01	3,11
PLASTIC	28CP0000	1,88

Hasta fin de existencias / Until end of stock / Jusqu'à la fin du stock / Fino ad esaurimento

## RACORES DE CONTROL

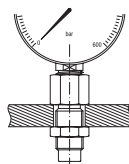
Test couplings  
Prises de pression  
Prese di pressione

### Conex. manómetro-pasatabiques BSP

Check coupling BSP bulkhead for pressure gauge

Prise de pression passe cloison sans capouchon

Raccordo Manometro - passaparete maschio BSP



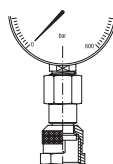
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/4" BSP	M16X2	MPR PT 1/4 BSP	11,85
1/2" BSP	M16X2	MPR PT 1/2 BSP	16,96

### Conex. manómetro - toma de control

Check coupling for pressure gauge

Raccord de contrôle direct à manomètre sans capouchon

Raccordo manometro - presa di pressione



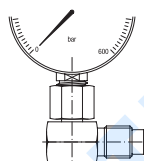
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/4" BSP	M16X2	MPD 1/4 BSP	14,42
1/2" BSP	M16X2	MPD 1/2 BSP	19,32

### Conex. manómetro-hembra 90° BSP

Check coupling 90° BSP swivel female for manometer

Raccord de contrôle 90° orientable sans capouchon direct à manomètre

Raccordo manometro - femmina a 90° BSP



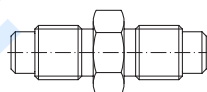
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/4" BSP	M16X2	MPD 90 1/4 BSP	19,22
1/2" BSP	M16X2	MPD 90 1/2 BSP	21,32

### Conex. manómetro M-M

Male-Male check coupling for manometer

Prise de pression manomètre Mâle-Mâle

Adattatore M-M presa di pressione per manometro



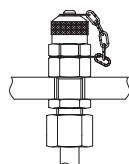
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M16X2	M16X1.5	MPU 16X2	25,01
M16X1.5	M16X1.5	MPU 16X1.5	24,94

### Conex. Métrica para manómetros

Metric check coupling for manometer

Prise de contrôle métrique pour manomètre

Presse di pressione metrica per manometro



PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
8S	M16X1.5	MPR PT 16X1.5	22,76
10S	M18X1.5	MPR PT 18X1.5	27,68

## RACORES DE CONTROL

Test couplings  
Prises de pression  
Prese di pressione

### Protector de manómetro en línea MF-TL recto

Pressure Gauge Protector (in-line) FM-SF straight

Isolateur de manomètre (en ligne) MF-FT droit

Esclusore per manometro in linea M-F gir. diritto



THREAD ROSCA		MAX. PRESSURE (bar) PRESIÓN MAX. (bar)	Part n° Referencia	€
1/4" BSP	1/4" BSPT	350	<b>FT29004</b>	*
1/2" BSP	1/2" BSPT	350	<b>FT29008</b>	*

Ver precios en catálogo componentes / See prices in components catalogue / Voir les prix dans le composant catalogue / Vedere prezzi nel catalogo Componenti

### Protector de manómetro en línea MF-TL 90°

Pressure Gauge Protector (in-line) FM-SF 90°

Isolateur de manomètre (en ligne) MF-FT 90°

Esclusore per manometro in linea M-F gir. 90°



THREAD ROSCA		MAX. PRESSURE (bar) PRESIÓN MAX. (bar)	Part n° Referencia	€
1/4" BSP	1/4" BSPT	350	<b>FT29104</b>	*

Ver precios en catálogo componentes / See prices in components catalogue / Voir les prix dans le composant catalogue / Vedere prezzi nel catalogo Componenti

### Adaptador para manómetro en línea MF-TL

Pressure Gauge Adaptor (in-line) FM-SF

Adapteur pour Manomètre (en ligne) MF-FT

Adattatore per manometro in linea M-F gir.



THREAD SF ROSCA TL		Part n° Referencia	€
1/4" BSP	1/2" BSPT	<b>FT29942</b>	*
1/4" BSP	1/4" BSPT	<b>FT29944</b>	*

Ver precios en catálogo componentes / See prices in components catalogue / Voir les prix dans le composant catalogue / Vedere prezzi nel catalogo Componenti

## INSTRUMENTOS DE MEDICIÓN

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

### Manómetro DN 63 vertical con glicerina (1/4" BSP)

Pressure gauge DN 63 vertical connection with glycerin (1/4" BSP)

Manomètre DN 63 sortie verticale avec glycérine (1/4" BSP)

Manometro DN 63 radiale a bagno di glicerina (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-1	MF16304001V	18,31
1/4" BSP	0-2.5	MF163042.5V	18,31
1/4" BSP	0-4	MF16304004V	18,31
1/4" BSP	0-6	MF16304006V	18,31
1/4" BSP	0-10	MF16304010V	16,64
1/4" BSP	0-12	MF16304012V	18,31
1/4" BSP	0-16	MF16304016V	18,31
1/4" BSP	0-20	MF16304020V	16,64
1/4" BSP	0-25	MF16304025V	18,31
1/4" BSP	0-40	MF16304040V	18,31
1/4" BSP	0-60	MF16304060V	18,31
1/4" BSP	0-100	MF16304100V	18,31
1/4" BSP	0-160	MF16304160V	18,31
1/4" BSP	0-250	MF16304250V	18,31
1/4" BSP	0-315	MF16304315V	18,97
1/4" BSP	0-400	MF16304400V	18,97
1/4" BSP	0-600	MF16304600V	18,97
1/4" BSP	0-1000	MF163041000V	20,98

### Manómetro DN 100 vertical con glicerina (1/2" BSP)

Pressure gauge DN 100 vertical connection with glycerin (1/2" BSP)

Manomètre DN 100 sortie verticale avec glycérine (1/2" BSP)

Manometro DN 100 radiale a bagno di glicerina (1/2" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-1	MF110008001V	39,78
1/2" BSP	0-2.5	MF11000802.5V	42,47
1/2" BSP	0-4	MF110008004V	42,47
1/2" BSP	0-6	MF110008006V	39,78
1/2" BSP	0-10	MF110008010V	39,78
1/2" BSP	0-12	MF110008012V	39,78
1/2" BSP	0-16	MF110008016V	39,78
1/2" BSP	0-20	MF110008020V	39,78
1/2" BSP	0-25	MF110008025V	39,78
1/2" BSP	0-40	MF110008040V	42,47
1/2" BSP	0-60	MF110008060V	39,78
1/2" BSP	0-100	MF110008100V	39,78
1/2" BSP	0-160	MF110008160V	39,78
1/2" BSP	0-250	MF110008250V	39,78
1/2" BSP	0-315	MF110008315V	39,78
1/2" BSP	0-400	MF110008400V	39,78
1/2" BSP	0-600	MF110008600V	39,78

### Manómetro DN 63 dorsal con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection with glycerin (1/4" BSP)

Manomètre DN 63 sortie arrière avec glycérine (1/4" BSP)

Manometro DN 63 assiale flangiato a bagno di glicerina (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-1	MF16304001-DB	21,35
1/4" BSP	0-2.5	MF163042.5-DB	23,48
1/4" BSP	0-4	MF16304004-DB	21,35
1/4" BSP	0-6	MF16304006-DB	21,35
1/4" BSP	0-10	MF16304010-DB	21,35
1/4" BSP	0-12	MF16304012-DB	21,35
1/4" BSP	0-16	MF16304016-DB	21,35
1/4" BSP	0-20	MF16304020-DB	23,48
1/4" BSP	0-25	MF16304025-DB	21,35
1/4" BSP	0-40	MF16304040-DB	21,35
1/4" BSP	0-60	MF16304060-DB	21,35
1/4" BSP	0-100	MF16304100-DB	21,35
1/4" BSP	0-160	MF16304160-DB	21,35
1/4" BSP	0-250	MF16304250-DB	21,35
1/4" BSP	0-315	MF16304315-DB	23,48
1/4" BSP	0-400	MF16304400-DB	21,35
1/4" BSP	0-600	MF16304600-DB	23,48

### Manómetro DN 100 dorsal con glicerina (1/2" BSP)

Pressure gauge DN 100 rear connection with glycerin (1/2" BSP)

Manomètre DN 100 sortie arrière avec glycérine (1/2" BSP)

Manometro DN 100 assiale flangiato a bagno di glicerina (1/2" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-1	MF110008001-DB	47,72
1/2" BSP	0-2.5	MF1100082.5-DB	44,68
1/2" BSP	0-4	MF110008004-DB	44,68
1/2" BSP	0-6	MF110008006-DB	44,68
1/2" BSP	0-10	MF110008010-DB	47,72
1/2" BSP	0-16	MF110008016-DB	47,72
1/2" BSP	0-25	MF110008025-DB	44,68
1/2" BSP	0-40	MF110008040-DB	47,72
1/2" BSP	0-60	MF110008060-DB	44,68
1/2" BSP	0-100	MF110008100-DB	47,72
1/2" BSP	0-160	MF110008160-DB	47,72
1/2" BSP	0-250	MF110008250-DB	47,72
1/2" BSP	0-315	MF110008315-DB	44,68
1/2" BSP	0-400	MF110008400-DB	47,72
1/2" BSP	0-600	MF110008600-DB	44,68



**MANÓMETROS CALIBRADOS  
BAJO CONSULTA**

**CALIBRATED MANOMETER  
ON REQUEST**

## INSTRUMENTOS DE MEDICIÓN

Pressure and vacuum gauges

Manomètres et vacuomètres

Manometri e vacuometri

### Manómetro DN 63 dorsal sin brida, con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection without flange, with glycerin (1/4" BSP)

Manomètre DN 63 sortie arrière sans bride, avec glycérine (1/4" BSP)

Manometro DN 63 assiale, a bagno di glicerina (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-1	MF16304001-DBSB	19,66
1/4" BSP	0-2.5	MF163042.5-DBSB	19,66
1/4" BSP	0-4	MF16304004-DBSB	19,66
1/4" BSP	0-6	MF16304006-DBSB	19,66
1/4" BSP	0-10	MF16304010-DBSB	18,91
1/4" BSP	0-12	MF16304012-DBSB	19,66
1/4" BSP	0-16	MF16304016-DBSB	19,66
1/4" BSP	0-20	MF16304020-DBSB	19,66
1/4" BSP	0-25	MF16304025-DBSB	19,66
1/4" BSP	0-40	MF16304040-DBSB	19,66
1/4" BSP	0-60	MF16304060-DBSB	19,66
1/4" BSP	0-100	MF16304100-DBSB	19,66
1/4" BSP	0-160	MF16304160-DBSB	19,66
1/4" BSP	0-250	MF16304250-DBSB	17,88
1/4" BSP	0-315	MF16304315-DBSB	19,66
1/4" BSP	0-400	MF16304400-DBSB	19,66
1/4" BSP	0-600	MF16304600-DBSB	19,66

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also available with DN 100 / Disponibilité à consulter / Possibilité aussi en DN100 / Richiedere disponibilità / Possibilità del modello con DN 100

### Manómetro DN 63 dorsal sin brida con abrazadera, con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection without flange with clamp, with glycerin (1/4" BSP)

Manomètre DN63 sortie arrière avec glycérine, collier de fixation sans collerette

Manometro DN 63 assiale con collare, con glicerina /1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-6	MF16304006-DBCA	23,76
1/4" BSP	0-10	MF16304010-DBCA	23,76
1/4" BSP	0-16	MF16304016-DBCA	23,76
1/4" BSP	0-40	MF16304040-DBCA	23,76
1/4" BSP	0-60	MF16304060-DBCA	23,76
1/4" BSP	0-100	MF16304100-DBCA	23,76
1/4" BSP	0-160	MF16304160-DBCA	23,76
1/4" BSP	0-250	MF16304250-DBCA	23,76
1/4" BSP	0-400	MF16304400-DBCA	23,76

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also available with DN 100 / Disponibilité à consulter / Possibilité aussi en DN100 / Richiedere disponibilità / Possibilità del modello con DN 100

### Abrazadera para manómetro DN 63 / DN 100 dorsal

DN 63 / DN100 rear connection pressure gauge clamp

Collier pour manomètre DN 63 / DN100 sortie arrière

Collare per manometro DN 63 / DN100 assiale flangiato



DESCRIPTION DESCRIPCION	Part n° Referencia	€
CLAMP (63mm)	ABRMFI63	4,10
CLAMP (100mm)	ABRMFI100	5,74

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also available with DN 100 / Disponibilité à consulter / Possibilité aussi en DN100 / Richiedere disponibilità / Possibilità del modello con DN 100

### Manómetro DN 63 vertical con glicerina (1/4" NPT)

Pressure gauge DN 63 vertical connection with glycerin (1/4" NPT)

Manomètre DN 63 sortie verticale avec glycérine (1/4" NPT)

Manometro DN 63 radiale a bagno di glicerina (1/4" NPT)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" NPT	0-10	MF16304010V NPT	17,13
1/4" NPT	0-16	MF16304016V NPT	17,13
1/4" NPT	0-25	MF16304025V NPT	17,13
1/4" NPT	0-60	MF16304060V NPT	17,13
1/4" NPT	0-160	MF16304160V NPT	17,13
1/4" NPT	0-250	MF16304250V NPT	17,13
1/4" NPT	0-400	MF16304400V NPT	17,13
1/4" NPT	0-700	MF16304700V NPT	18,84

### Manómetro DN 63 dorsal con glicerina (1/4" NPT)

Pressure gauge DN 63 rear connection with glycerin (1/4" NPT)

Manomètre DN 63 sortie arrière avec glycérine (1/4" NPT)

Manometro DN 63 assiale flangiato a bagno di glicerina (1/4" NPT)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" NPT	0-10	MF16304010-DB NPT	21,97
1/4" NPT	0-16	MF16304016-DB NPT	21,97
1/4" NPT	0-25	MF16304025-DB NPT	21,97
1/4" NPT	0-60	MF16304060-DB NPT	21,97
1/4" NPT	0-160	MF16304160-DB NPT	21,97
1/4" NPT	0-250	MF16304250-DB NPT	21,97
1/4" NPT	0-400	MF16304400-DB NPT	21,97

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also available with DN 100 / Disponibilité à consulter / Possibilité aussi en DN100 / Richiedere disponibilità / Possibilità del modello con DN 100

### Manómetro DN 100 vertical con glicerina (1/2" NPT)

Pressure gauge DN 100 vertical connection with glycerin (1/2" NPT)

Manomètre DN 100 sortie verticale avec glycérine (1/2" NPT)

Manometro DN 100 radiale a bagno di glicerina (1/2" NPT)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" NPT	0-10	MF110008010V NPT	39,78
1/2" NPT	0-25	MF110008025V NPT	39,78
1/2" NPT	0-60	MF110008060V NPT	39,78
1/2" NPT	0-250	MF110008250V NPT	39,78
1/2" NPT	0-400	MF110008400V NPT	39,78
1/2" NPT	0-600	MF110008600V NPT	42,47

### Manómetro de colores dorsal (1/8" BSPT)

Pressure gauge in colours rear connection (1/8" BSPT)

Manomètre à couleurs sortie arrière avec glycérine (1/8" BSPT)

Manometro a colori assiale flangiato (1/8" BSPT)



SCALE (bar) ESCALA (bar)	Part n° Referencia	€
0-6	MF1 CO 06	6,87

## INSTRUMENTOS DE MEDICIÓN

Pressure and vacuum gauges

Manomètres et vacuomètres

Manometri e vacuometri

### Manómetro digital DN63 vertical (1/4" BSP)

Pressure gauge DN63 vertical connection with glycerin (1/4" BSP)

Manomètre digital DN 63 sortie verticale (1/4" BSP)

Manometro digitale DN63 (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	- 1 + 600	MANDIG63V	244,12

### Manómetro digital DN100 vertical (1/2" BSP)

Digital pressure gauge DN100 vertical connection (1/2" BSP)

Manomètre digital DN 100 sortie verticale (1/2" BSP)

Manometro digitale DN100



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-1000	MANDIG100V	612,48

### Vacuómetro DN 63 con glicerina (1/4" BSP)

Vacuum gauge DN 63 with glycerin (1/4" BSP)

Vacuomètre DN 63 avec glycerine (1/4" BSP)

Vacuometro DN 63 a bagno di glicerina (1/4" BSP)



SCALE (bar) ESCALA (bar)	Part n° Referencia	€
- 1 + 0	VAC6304-011	19,26

### Vacuómetro de colores dorsal (1/8" BSP)

Vacuum gauges in colours rear connection (1/8" BSP)

Vacuomètre à couleurs sortie arrière (1/8" BSP)

Vacuometro a colori assiale flangiato (1/8" BSP)



SCALE (bar) ESCALA (bar)	Part n° Referencia	€
- 1 + 0	MFI VA 01	7,69

### Termomanómetro DN 63 vertical (1/4" BSP)

Temperature- pressure gauge DN 63 vertical connection (1/4" BSP)

Thermo-manomètre DN63 sortie vertical (1/4" BSP)

Termomanometro DN 63 verticale (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-4	MFIT6304004V	35,24
1/4" BSP	0-16	MFIT6304016V	35,24
1/4" BSP	0-40	MFIT6304040V	35,24

Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C

### Termomanómetro DN 63 dorsal (1/4" BSP)

Temperature- pressure gauge DN 63 rear connection (1/4" BSP)

Thermo-manomètre DN63 sortie arrière (1/4" BSP)

Termomanometro DN 63 assiale (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-4	MFIT6304004-DB	33,54
1/4" BSP	0-16	MFIT6304016-DB	33,54
1/4" BSP	0-40	MFIT6304040-DB	33,54

Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C

### Manovacuómetro DN 63 vertical con glicerina (1/4" BSP)

Manovacuumeter DN 63 vertical connection with glycerin (1/4" BSP)

Manovacuumètre DN 63 sortie vertical avec glycerine (1/4" BSP)

Manovacuumetro DN 63 verticale con glicerina (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	- 1 + 3	MFIVAC6304003V	21,23
1/4" BSP	- 1 + 5	MFIVAC6304005V	21,23
1/4" BSP	- 1 + 15	MFIVAC6304015V	21,23

### Manovacuómetro DN 63 dorsal con glicerina (1/4" BSP)

Manovacuumeter DN 63 rear connection with glycerin (1/4" BSP)

Manovacuumètre DN 63 sortie arrière avec glycerine (1/4" BSP)

Manovacuumetro DN 63 assiale con glicerina (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	- 1 + 3	MFIVAC6304003-DB	26,75
1/4" BSP	- 1 + 5	MFIVAC6304005-DB	26,75
1/4" BSP	- 1 + 15	MFIVAC6304015-DB	26,75

## INSTRUMENTOS DE MEDICIÓN

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

### Maletín medida de presión (0 manómetros)

Check cases (0 pressure gauge)

Coffre de mesure (0 manomètre)

Valigetta misurazione di pressione (0 manometro)



SIZE TAMAÑO	Part n° Referencia	€
320x280x119	<b>CBOXMEDF</b>	<b>117,17</b>

### Maletín tres manómetros + accesorios tipo 2

Check case 3 pressure gauge + accessories type 2

Coffre 3 manomètres + accessoires type 2

Valigetta con tre manometri + accessori tipo 2



SIZE TAMAÑO	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
320x280x119	100/250/400	<b>CBOX0002</b>	<b>408,99</b>

### Maletín dos manómetros + accesorios tipo 1

Check case 2 pressure gauge + accessories type 1

Coffre 2 manomètres + accessoires type 1

Valigetta con due manometri + accessori tipo 1



SIZE TAMAÑO	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
320x280x119	160/315	<b>CBOX0001</b>	<b>298,74</b>

### Maletín 3 transductores de presión 50/200/400 bar

NEW

Check case 3 pressure transducers 50/200/400 bar

Coffre 3 transducteurs de pression 50/200/400 bar

Valigetta 3 trasduttori di pressione 50/200/400 bar



Size Tamaño	Scale (bar) Escala (bar)	Part n° Referencia	€
320x280x119	50/200/400 BAR	<b>CBOXSMART</b>	<b>996,54</b>

### Maletín un manómetro digital + accesorios tipo 2

Check case 1 digital pressure gauge + accessories type 2

Coffre 1 manomètre digital + accessoires type 2

Valigetta con uno manometri digitale+ accessori tipo 2



SIZE TAMAÑO	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
320x280x119	0-1000	<b>CBOX0003</b>	<b>1.373,49</b>



**CBOX0001**



**CBOX0002**



**CBOX0003**



**CBOXSMART**

<b>2 MANÓMETROS 1/4:</b> 0-160 0-315	<b>3 MANÓMETROS 1/4</b> 0-100 0-250 0-400	<b>1 MANÓMETROS DIG.</b> 0-1000	<b>3 TRANSDUCT.</b> 0-50 0-200 0-400
<b>ACCESORIOS TIPO 2:</b> 1 MPR 1/4 C/J 1 MPR 3/8 C/J 1 MPR 1/4 NPT 1 MPR A 10X1 1 MPD 1/4 BSP 1 MPD 1/2 BSP 1 CAPUCHÓN ACERO 1 MPD 90 1/4 BSP 1 LATIGUILLO MINIMEX TL-TL 16X2 1.5 MTS	<b>ACCESORIOS TIPO 2:</b> 1 MPR 1/4 C/J 1 MPR 3/8 C/J 1 MPR 1/4 NPT 1 MPR A 10X1 1 MPD 1/4 BSP 1 MPD 1/2 BSP 1 CAPUCHÓN ACERO 1 MPR PT 1/4 BSP 1 LATIGUILLO MINIMEX TL-TL 16X2 1 MTS 1 LATIGUILLO MINIMEX TL-TL 16X2 2 MTS 1 MPR 7/16 UNF 1 MPR 9/16 UNF 1 MPR TLM 122 CM 1 MPR 3/8 NPT		

## MEDIDORES DE CAUDAL

Flow tester  
Débitmètres  
Indicatori di flusso

### Caudalímetro 250 bar - Tipo 3 - 3/4" BSP

Flow tester type 3-3/4" BSP

Débitmètre 250 bar type 3-3/4" BSP

Flussostato 250 bar tipo 3-3/4" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
0-56	WPB3A6HT15	1.875,30

### Caudalímetro 420 bar - con caja - 1" BSP

Flow tester 420 bar with box - 1" BSP

Débitmètre 420 bar avec boîte - 1" BSP

Flussostato 420 bar con cassa - 1" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
10-120	FT5594-03	6.035,14
10-200	FT5594-09	6.203,58

### Caudalímetro 250 bar - Tipo 5 - 1 1/2" BSP

Flow tester type 5-1 1/2" BSP

Débitmètre 250 bar type 5-1 1/2" BSP

Flussostato 250 bar tipo 5-1 1/2" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
75-550	WPB5A6HY99	4.652,59

### Caudalímetro 250 bar - Tipo 6 - 1 1/4" BSP

Flow tester type 6-1 1/4"

Débitmètre 250 bar type 6-1 1/4" BSP

Flussostato 250 bar tipo 6-1 1/4" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
20-280	WPB5A6HW75	4.652,59

### Caudalímetro 420 bar - Tipo 57 - 3/4" BSP

Flow tester 420 bar Type 57 - 3/4" BSP

Débitmètre 420 bar Type 57 - 3/4" BSP

Flussostato 420 bar Tipo 57 - 3/4" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
2 - 30	FT5758-01	2.147,89
2 - 60	FT5758-02	2.345,83
4 - 120	FT5758-03	2.322,71

### Caudalímetro 350 bar - Tipo 60 - 1" 1/2 BSP

Flow tester 350 bar Type 60 - 1" 1/2 BSP

Débitmètre 350 bar Type 60 - 1" 1/2 BSP

Flussostato 350 bar Tipo 60 - 1" 1/2 BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
10-200	FT6068-01	4.321,04
20-400	FT6068-03	5.399,18