



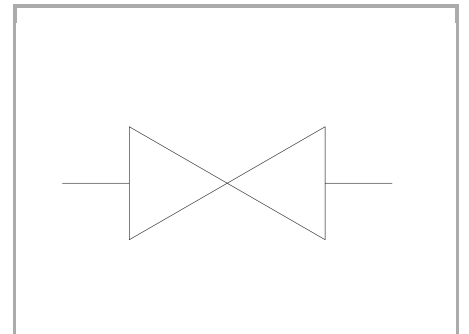
## In line gauge Isolators

### FT 290

In line gauge isolators, threads available with sizes 1/4" - 1/2", with swivel nut for manometer direction during mounting

**In line needle valves with handwheel**

**Carbon steel**



## Technical information

### Technical description

The FT290 isolator needle valves (in line) are normally used to protect the gauge as they have the double function of dampening pressure shock, when opening, and of isolating it entirely. Pressed in high-resistance steel, protected by an accurate treatment, subjected to strict tests, they ensure reliability and long life. A rotating swivel nut allows to the user to plug the manometer, directing it to the more suitable position, with a single blocking operation. The sealing, supplied as standard, and inserted in the nut, prevents any leakages between the connection and the gauge. For pressure gauge with taper threads, it will be necessary to use copper washers FT 1201 (to be requested separately). Suitable for pressure up to 400 bar and temperature from -20° to +100° they can be panel mounted by use of panel nut (G), supplied on request. On request: • Versions with connections female/female (01) • For rigid pipes (04) • For flexible pipes (05) • Viton seals (V) • Complete with lock nut (G) indicating whether KM or hexagonal • Version in AISI 316 code FT 2290

### Materials

<b>CORPO VALVOLA / VALVE BODY</b>	<b>Acciaio/Steel 11 S Mn Pb 37-UNI EN 10087</b>
<b>SPILO / NEEDLE</b>	<b>Acciaio/Steel 35 S Mn Pb 10-UNI EN 10087</b>
<b>GUARNIZIONI / GASKETS</b>	<b>Di serie NBR - A richiesta FPM / Standard NBR-on demand FPM</b>
<b>ANELLI ANTIESTRUSIONE / ANTI-EXTRUSION RING</b>	<b>PTFE</b>
<b>MANOPOLA TIPO MP / KNOB TYPE MP</b>	<b>NYLON 66</b>

### Dimensional tables and drawings



FT 290									
TIPO / TYPE	A1 UNI 338	A2 UNI 339	B	∅C	D	E	∅F	G	H
14	1/4" G	1/4" Gc	13	5,6	20	61,5	34	12	M15x1
12	1/2" G	1/2" Gc	16	6,5	32	83	40	12,5	M20x1
TIPO / TYPE	L	M	N	P	S	OR	Es.	PESO / WEIGHT KG	
14	53	15	2	8,5	33	2018	18	0,130	
12	82,5	19	6	11	40	2021	27	0,425	
FT 290-01 , FT 290-04 , FT 290-05									
TIPO / TYPE	A	B1	B2	B3	∅C	D	E1	E2	E3
01	1/4" G	11	-	-	5,6	20	55	-	-
04	1/4" G	-	15	-	5,6	20	-	69,5	-
05	1/4" G	-	-	6,5	5,6	20	-	-	66
TIPO / TYPE	∅F	G	H	L	M	N	P	R	S1
01	34	12	M15x1	53	15	2	9	6	25
04	34	12	M15x1	53	15	2	9	6	-
05	34	12	M15x1	53	15	2	9	6	-
TIPO / TYPE	S2	S3	OR	Es.	PESO / WEIGHT KG				
01	-	-	2018	18	0,125				
04	25	-	2018	18	0,150				
05	-	30	2018	18	0,145				

