

MANOMETRO PER STOCCAGGI GPL

LPG STORAGE MANOMETER

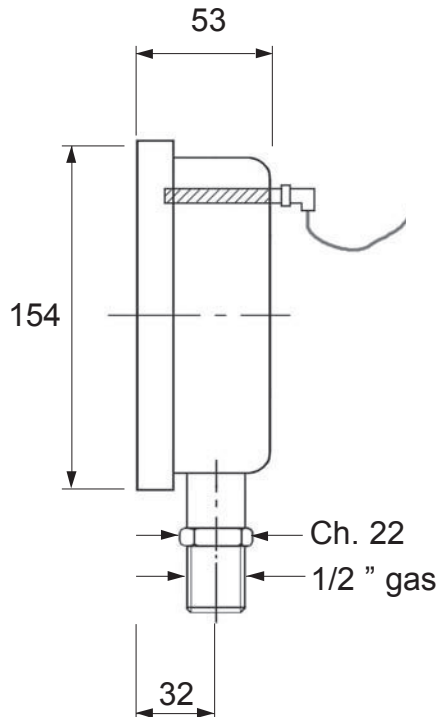
COPRIM - ITALY

MANOMETRE POUR STOCKAGE GPL

Con contatti elettrici per allarme massima pressione

With electric contacts for max pressure

Avec contacts électriques pour alarm max pression



Cod. **1.71.85**

SENSORE DI PROSSIMITA' ATEX SI8 - NE2H1Ex

Contatto normalmente chiuso:
apertura a 15 bar al passaggio lancetta.

Le connessioni elettriche devono
essere realizzate a sicurezza intrinseca
per apparati II(1)G EExia IIC.

Il cavo schermato completo di
connettore viene fornito di 5 metri.
Il prolungamento è possibile utilizzando
cavo dello stesso tipo e idonea
morsettiera.

ATEX SENSOR SI8 - NE2H1Ex

Normally closed contact:
pointer pass opening at 15 bar

Electrical connections must be made
according to intrinsic security for
systems II(1)G EExia IIC.

A 5 meter shielded cable with
connector is supplied.
The extension is possible by using
the same kind of cable and suitable
clamps.

ATEX DETENTEUR SI8 - NE2H1Ex

Contact normalement fermé:
ouverture à 15 bar par passage de la flèche
Les connexions électriques doivent être
réalisées selon la sécurité intrinsèque pour
les appareils II(1)G EExia IIC.

Il est fourni un câble protégé de 5 mètres
avec connecteur.
La prolongation est possible en utilisant
un câble du même type et des griffes
appropriées.

Caratteristiche

- fondo scala 25 bar
- contatto elettrico a 15 bar - indice rosso
- temperatura -30 +50 °C
- precisione ±1% di fondo scala
- classe 1,6 - 2,5 UNI 8293 - DIN 16005
- tenuta stagna
- attacco radiale 1/2" GAS
- cassa e anello frontale fermavetro
in alluminio pressofuso
- movimento amplificatore di precisione
in lega ottone
- saldature in lega di stagno
- elemento manometrico tipo 'Bourdon'
in lega di rame

Features

- 25 bar full scale
- electric contact 15 bar - red index
- temperature -30 +50 °C
- accuracy ±1% of full scale
- class 1,6 - 2,5 UNI 8293 - DIN 16005
- water tight
- radial connection 1/2" cylindrical
- case and frontal glass stop ring
in die-casting aluminium
- movement accuracy amplifier
in clockwork brass alloy
- tin alloy weldings
- manometric element type 'Bourdon'
in copper alloy

Caracteristiques

- 25 bar
- contact électrique 15 bar
- temperature -30 +50 °C
- précision ±1%
- classe 1,6 - 2,5 UNI 8293 - DIN 16005
- étanche
- connexion radiale 1/2" GAS
- caisse et anneau frontal bloque-verre
en aluminium moulé sous pression
- mouvement d'amplificateur de
pression en laiton allié
- soudures en étan allié
- élément manométrique type 'Bourdon'
en cuivre allié



MANUFACTURER'S DECLARATION

LPG PRESSURE GAUGE WITH INDIPENDENT ELECTRIC CONTACT FOR MAX PRESSURE ALARM

Compling with **Directive 94/9/EC ATEX**

Equipment or Protective System intended for use in potentially explosive atmospheres

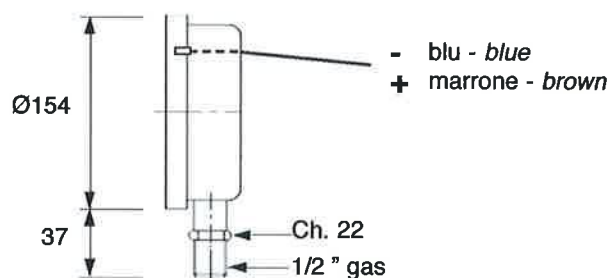
NON ELECTRIC PARTS OF THE LPG PRESSURE GAUGES HAS BEEN SUBMITTED, BY THE MANUFACTURER, TO AN "EXPLOSION RISK" ASSESSMENT, ACCORDING TO THE REQUIREMENTS OF THE EUROPEAN DIRECTIVE 94/9/EC (ATEX) - THE ANALYSIS HAS SHOWN THAT THE NON-ELECTRIC PARTS OF THE LPG PRESSURE GAUGE DON'T CONTAIN POTENTIAL SOURCES OF IGNITION OF AN EXPLOSIVE ATMOSPHERE, SO THEY DON'T FALL INTO THE FIELD OF APPLICATION OF THE SAID DIRECTIVE.

Pressure test : 25 bar

Working pressure : 18 bar

Alarm contact : 15 bar

serial N° :



Compling with : European Standards EN 50014
EN 50020

Inductive sensor type of protection EEx ia IIC T6

Model SI8 - NE2H1ExAG1

Certificate CESI 04 ATEX 131

Ambient Temperature : -20 +70 °C T6

Sensor Safety parameters

Max input voltage $U_i \leq 17$ Volt CC

Max input current $I_i \leq 17$ mA CC

Internal capacity $C_i \geq 0,123$ micro F

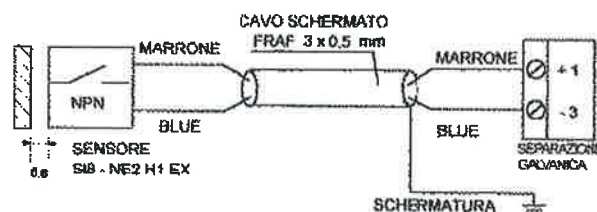
Inductance max $L_i = 175$ μ H

Features

- Tight joint
- Pressure gauge with proximity sensor for max pressure alarm
- Alarm sensor NAMUR DIN 19234 - EEx ia IIC T4
- Connection 1/2" M GAS
- Manometric element tipe "Bourdon" in copper alloy

Electric connection must be Intrinsic ally safe, via Zener barriers or galvanic isolator (see Instructions).

Manometer must be intercepted by steel needle valve.



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