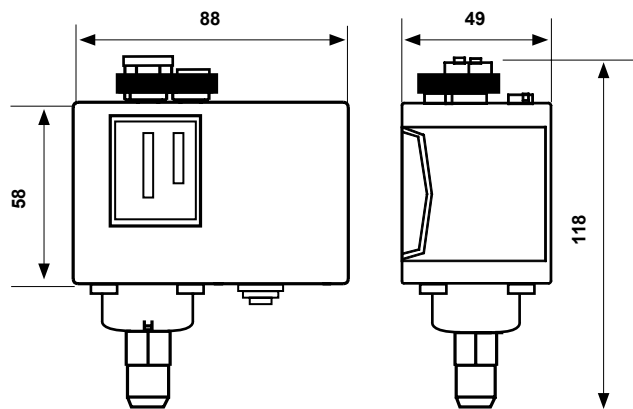




# B13

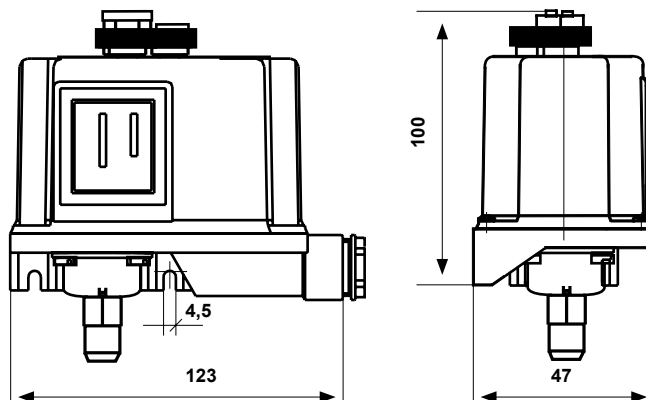
## Pressure switches up to 10 bar with low adjustable differential

Pressostats with low differential for control and regulation of air compressors, autoclaves, water insulation and tanks in general, where a minimum difference between ON and OFF is required.



	Range bar	Differential bar	Sensitive element max. pressure bar	Connection G/14	Protection degree	Availability
B13BN	0,3 ÷ 4	0,1 ÷ 0,5	6	threaded	IP40	in stock
B13CN	1 ÷ 10	0,3 ÷ 1,5	16	threaded	IP40	in stock

### WATERPROOF CASING EXECUTION

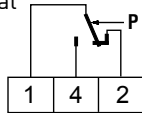


B13BNY	0,3 ÷ 4	0,1 ÷ 0,5	6	threaded	IP65	in stock
B13CNY	1 ÷ 10	0,3 ÷ 1,5	16	threaded	IP65	in stock

1 Bar = 100Kpa \*The differential must be deducted from the range value.

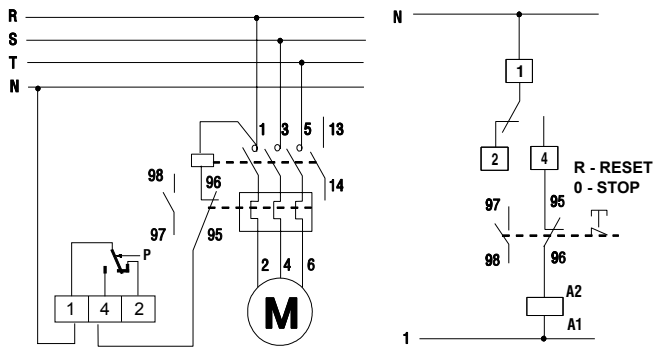
## ELECTRICAL FEATURES

Snap action SPDT microswitch, with manual reset, contacts in AgCdO.



Nominal insulation tension	Ui	415V~	
Continuous duty nominal current	Ith	16A	
Operating nominal current	Ie	220V~	380/415V~
Resistive load	AC-1	-	16A
Inductive load	AC-3	-	6A
Continuous current	DC-13	0,2A	-

### EXAMPLE OF ELECTRICAL WIRING



## HOMOLOGATION AND STANDARDS

Complies with EN 60947-4-1 standards.

## INSTALLATION

Direct installation on the pipe.  
Pressure element connection G 1/4.

## OPERATION

When pressure increases: 1-2 opens, 1-4 closes.

## FEATURES

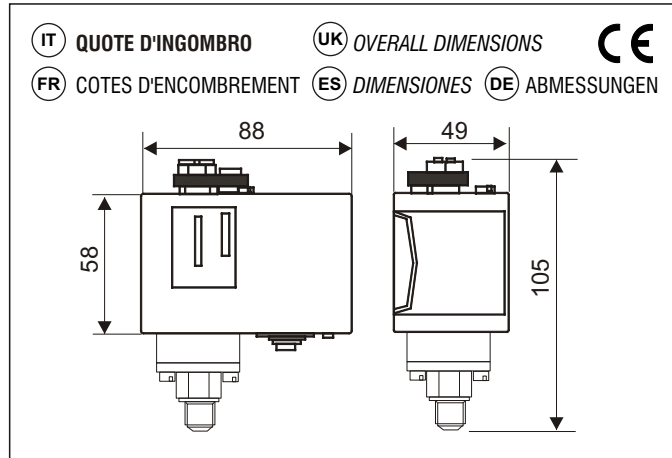
- Adjustable differential.
- Metallic bellows sensing element, not suitable for corrosive liquids that affect copper alloys.
- Metallic frame.
- Cover in shockproof thermoplastic material.
- Output connections with PVC cable gland.
- Maximum temperature of the controlled fluid: 100°C.
- Pressure switch body admissible temperature: -35÷60°C.
- Storage and transport temperature: -35÷60°C.
- Unit weight 0,38 Kg B13BN.
- Unit weight 0,39 Kg B13CN.

## ACCESSORIES



cod. 303298LA  
G1/2 cable gland in V0 self-extinguishing, shockproof thermoplastic material for output connections.

## B13BN-B13CN



Tensione nominale d'isolamento  
Rated insulation voltage  
Tension nominale d'isolation  
Tensión nominal de aislamiento  
Nominale Isolierspannung

Ui 415V~

Corrente nominale di servizio continuativo  
Continuous duty rated current  
Courant nominal de service continu  
Corriente nominal de servicio continuado  
Nominaler Strom bei Dauerbetrieb

Ith 16A

Corrente nominale d'impiego  
Working rated current Courant nominal d'emploi  
Corriente nominal de uso  
Nominaler Betriebsstrom

Ie:  
220V- 380/415V~

Carico resistivo - Resistive load - Charge résistive - Carga resistiva -  
Ohmsche Belastung AC-1 - 16A

Carico induttivo - Inductive load - Charge inductive - Carga inductiva -  
Induktive Belastung AC-3 - 6A

Corrente continua - Direct current - Courant continu - Corriente continua -  
Gleichstrom DC-13 0,2A -

1 bar = 100 kPa

## PRESSOSTATI A SOFFIETTO METALLICO SERIE B13BN-B13CN

### IMPIEGO

– Pressostati di regolazione e controllo a basso differenziale per compressori d'aria, per autoclave isolamento acqua e per serbatoi in genere dove è richiesto una differenza minima tra il valore di ripresa.

### FUNZIONAMENTO E INSTALLAZIONE

– Elemento sensibile a soffietto metallico, non adatto per fluidi che intaccano le leghe di rame  
– Differenziale regolabile  
– Raccordo G 1/4 maschio

### CARATTERISTICHE

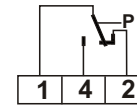
– Telaio metallico.  
– Coperchio in materiale termoplastico antiurto  
– Uscita dei collegamenti con passacavo in PVC

### NORMATIVE E OMOLOGAZIONI

– Rispondenza alle norme CEI EN 60947-4-1

### CARATTERISTICHE ELETTRICHE

– Interruttore a scatto rapido con contatti in lega di argento  
– All'aumento della pressione:  
apre 1-2 chiude 1-4



TIPO	Scala bar	Differenziale bar	Pressione massima elemento sensibile bar	Temperatura massima fluido controllato °C	Temperatura ammissibile corpo pressostato °C	Grado di protezione	Peso unitario Kg.
B13BN	0,3 ÷ 4	0,1 ÷ 0,5	6	100	-35 ÷ 60	IP 40	0,39
B13CN	1 ÷ 10	0,3 ÷ 1,5	16	100	-35 ÷ 60	IP 40	0,39

Il differenziale va sottratto al valore di scala

Ci riserviamo la facoltà di introdurre tutte le modifiche costruttive e funzionali che riterremo necessarie, senza obbligo di preavviso

## METALLIC BELLOWS PRESSOSTATS SERIES B13BN-B13CN

### -USE

-Low differential pressostats for control and regulation, suitable for air compressors, surge tanks, water insulation and tanks in general where minimum difference between ON and OFF values is required.

### -INSTALLATION AND OPERATION

-Metallic bellows sensing element, not suitable for fluids etching copper alloys  
-Adjustable differential  
-G 1/4 male connector

### -CHARACTERISTICS

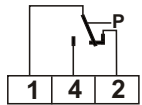
-Metallic frame  
-Cover in antishock thermoplastic material  
-PVC fairlead for connection output

### -COMPLIANCE WITH NORMS AND STANDARDS

-Compliant with CEI EN Standards 60947-4-1

### -ELECTRIC CHARACTERISTICS

-Quick-break switch with silver alloy contacts  
-When pressure rises:  
1-2 opens, 1-4 closes



TYPE	Range bar	Differential bar	Max. sensing element pressure bar	Max. fluid temperature °C	Max. pressostat body temperature °C	Protection	Weight (each) Kg.
B13BN	0,3 ÷ 4	0,1 ÷ 0,5	6	100	-35 ÷ 60	IP 40	0,39
B13CN	1 ÷ 10	0,3 ÷ 1,5	16	100	-35 ÷ 60	IP 40	0,39

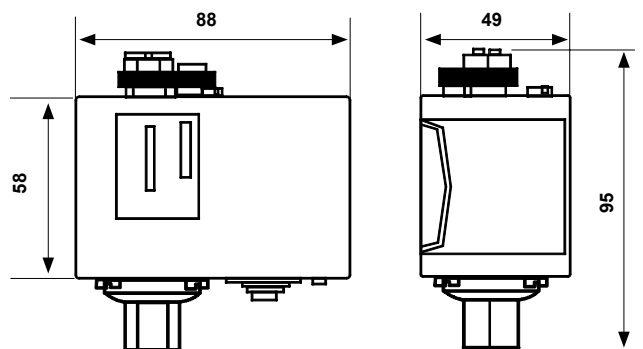
The differential value shall be deducted from the range value

We reserve the right to make whatever technical and manufacturing modifications without prior notice.

# B12

## Pressure switches up to 28 bar with adjustable differential

Pressure switches for control and regulation of all fluids and non-explosive gases. Suitable for compression plants, boilers, tanks, autoclaves, ventilation plants, lubrication plants.

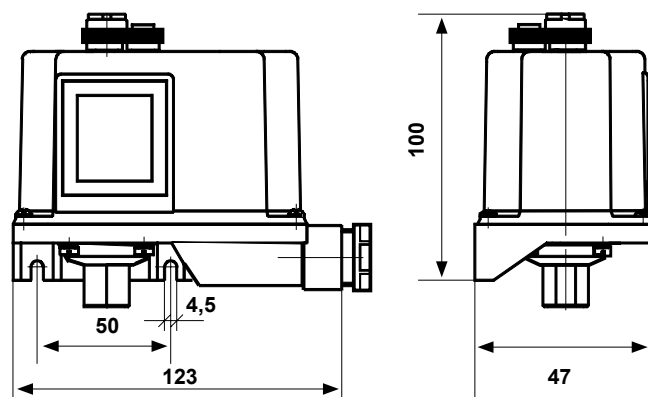


	Range bar	Differential bar	Sensitive element max. pressure bar	Connection G/14	Protection degree	Availability
B12CN	-0,2 ÷ 8	0,6 ÷ 3	9	flange	IP40	in stock
B12DN	5 ÷ 16	1 ÷ 3,5	18	flange	IP40	in stock
B12EN	8 ÷ 28	2 ÷ 6	32	flange	IP40	in stock
B12CRN	-0,2 ÷ 8	0,6 ÷ 3	9	SAE	IP40	in stock
B12ERN	-8 ÷ 28	2 ÷ 6	32	SAE	IP40	in stock
B12CN4	-0,2 ÷ 8	0,6 ÷ 3	9	threaded	IP40	on request
B12DN4	5 ÷ 16	1 ÷ 3,5	18	threaded	IP40	on request
B12EN4	8 ÷ 28	2 ÷ 6	32	threaded	IP40	on request

### WITH BLOCKING AND MANUAL RESET

B12CMN	1 ÷ 8	0,6 ÷ 3	9	flange	IP40	on request
B12DMN	5 ÷ 16	1 ÷ 3,5	18	flange	IP40	on request
B12EMN	8 ÷ 28	2 ÷ 6	32	flange	IP40	on request

### WATERPROOF CASING EXECUTION

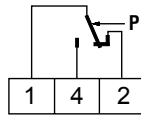


B12CNY	-0,2 ÷ 8	0,6 ÷ 3	9	flange	IP65	in stock
B12DNY	5 ÷ 16	1 ÷ 3,5	18	flange	IP65	in stock
B12ENY	8 ÷ 28	2 ÷ 6	32	flange	IP65	in stock
B12CRNY	-0,2 ÷ 8	0,6 ÷ 3	9	flange	IP65	in stock
B12ERNY	8 ÷ 28	2 ÷ 6	32	flange	IP65	in stock

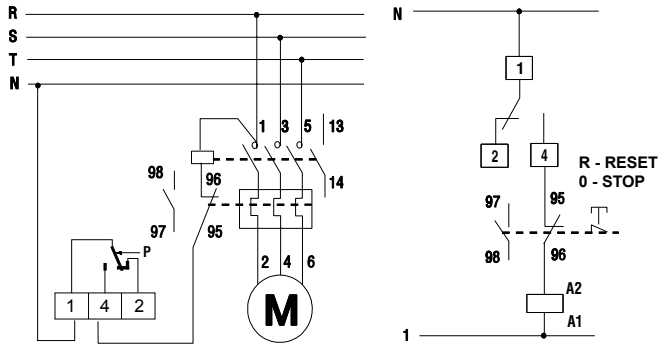
1 Bar = 100Kpa \*The differential must be deducted from the range value.

# ELECTRICAL FEATURES

Snap action SPDT microswitch, contacts in AgCdO.



## EXAMPLE OF ELECTRICAL WIRING



Nominal insulation tension	Ui	415V~	
Continuous duty nominal current	Ith	16A	
Operating nominal current	Ie	220V~	380/415V~
Resistive load	AC-1	-	16A
Inductive load	AC-3	-	6A
Continuous current	DC-13	0,2A	-

# HOMOLOGATION AND STANDARDS

Complies with EN 60947-4-1 standards.

# INSTALLATION

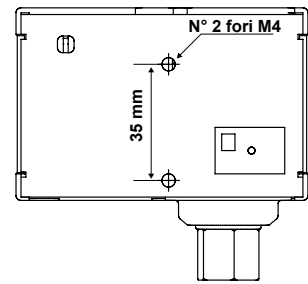
Direct installation on the pipe.

Pressure element connection G 1/4.

In case of fluid temperatures higher than the maximum allowed, connect the pressure switch to the pipe by inserting a metallic spiral between the pressure switch and the pipe to facilitate heat dispersion.

Possibility of mounting on metallic clamp, except for the waterproof casing versions.

## MOUNTING MODEL



# OPERATION

When pressure increases: 1-2 opens, 1-4 closes.

In the pressure switch with blocking and manual reset at maximum pressure, the reset takes place when the pressure is below the value set on differential.

# FEATURES

Sensitive element with stainless steel membrane, laser welded.

Metallic frame.

Cover in shockproof thermoplastic material.

Output connections with PVC cable gland.

Fixed differential.

Flange connection G 1/4 (17 mm key).

Maximum temperature of the controlled fluid: 120 °C.

Pressure switch body admissible temperature: -35 ÷ 60°C.

Storage and transport temperature: -35 ÷ 60°C.

Unit weight: 0,43 Kg B12AN.

Unit weight: 0,44 Kg B12BN.

# ACCESSORIES



**303298LA**

G1/2 cable gland in V0 self-extinguishing, shockproof thermoplastic material for output connections.



**2593367**

Protection casing IP44.

## PRESSOSTATS À SOUFFLET MÉTALLIQUE SÉRIE B13BN-B13CN

### EMPLOI

-Pressostats de régulation et contrôle à bas différentiel pour compresseurs d'air, pour autoclave d'isolation d'eau et pour réservoirs en général où une différence minimale entre la valeur de déclenchement et la valeur de reprise est nécessaire.

### FONCTIONNEMENT ET INSTALLATION

-Élément sensible à soufflet métallique, inapte pour fluides affectant les alliages de cuivre.  
-Différentiel réglable.  
-Raccord G1/4 mâle.

### CARACTÉRISTIQUES

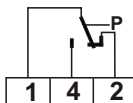
-Cadre métallique.  
-Couvercle en matériau thermoplastique antivol.  
-Sorties pour connexions avec serre-câble en PVC.

### NORMATIVES ET HOMOLOGATIONS

-Conformément aux normes CEIEN60947-4-1.

### CARACTÉRISTIQUES ÉLECTRIQUES

-Interrupteur à déclenchement rapide avec contacts en alliage d'argent.  
-Lors de l'augmentation de la pression.  
-Ouvrir 1-2, fermer 1-4.



TYPE	Échelle bar	Différentiel bar	Pression maximale de l'élément sensible bar	Température maximale du fluide contrôlé °C	Température admissible du corps du pressostat °C	Indice de protection	Poids unitaire Kg.
<b>B13BN</b>	0,3 ÷ 4	0,1 ÷ 0,5	6	100	-35 ÷ 60	IP 40	0,39
<b>B13CN</b>	1 ÷ 10	0,3 ÷ 1,5	16	100	-35 ÷ 60	IP 40	0,39

Le différentiel doit être soustrait de la valeur de l'échelle.

La société se réserve le droit d'apporter sans avis préalable toute modification de fabrication ou de fonctionnement qu'elle jugerait nécessaire.

56\_79145C

## PRESOSTATOS DE FUELLE METÁLICO SERIE B13BN - B13CN

### EMPLEO

-Presostatos de regulación y control con diferencial bajo, para compresores de aire, para autoclave de aislamiento de agua o para depósitos en general, donde se requiera una diferencia mínima entre el valor de corte y el valor de reactivación.

### FUNCIONAMIENTO E INSTALACIÓN

-Elemento sensible de fuelle metálico, no adecuado para fluidos que corroen las aleaciones de cobre  
-Diferencial regulable  
-Racor G1/4 macho

### CARACTERÍSTICAS

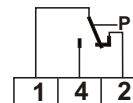
-Bastidor metálico  
-Tapa de material termoplástico resistente  
-Salida de las conexiones con sujeta-cables de PVC.

### NORMATIVAS Y HOMOLOGACIONES

-Conformidad con las normas CEIEN60947-4-1

### CARACTERÍSTICAS ELÉCTRICAS

-Interruptor de accionamiento rápido con  
-contactos en aleación de plata  
-Con aumento de la presión:  
-abre 1-2 cierra 1-4



TIPO	Escala bar	Diferencial bar	Presión máxima elemento sensible bar	Temperatura máxima fluido controlado °C	Temperatura admisible cuerpo presostato °C	Grado de protección	Peso unitario Kg.
<b>B13BN</b>	0,3 ÷ 4	0,1 ÷ 0,5	6	100	-35 ÷ 60	IP 40	0,39
<b>B13CN</b>	1 ÷ 10	0,3 ÷ 1,5	16	100	-35 ÷ 60	IP 40	0,39

El diferencial se resta del valor de escala

Nos reservamos la facultad de introducir todas las modificaciones de fabricación y de funcionamiento que consideremos necesarias, sin obligación de aviso previo.

## DRUCKWÄCHTER MIT METALLBALG SERIE B13BN-B13CN

### EINSATZGEBIET

-Druckwächter für Regulierung und Kontrolle mit niedrigem Differential für -Luftkompressoren in Wasserisolierungsautoklave und Tankbehälter allgemein, wo eine minimale Differenz zwischen Ausschaltungs- und Wiedereinschaltwert notwendig ist.

### BETRIEBSWEISE UND INSTALLATION

-Fühlglied mit Metallbalg, nicht geeignet für Flüssigkeiten, welche Kupferlegierungen angreifen  
-einstellbares Differential  
-Anschluss G1/4 Zapfen

### MERKMALE

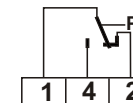
-Metallrahmen  
-Deckel aus stoßfestem Thermoplastmaterial  
-Anschlussausgang mit PVC-Kabeldurchgang

### NORMEN UND ZULASSUNGEN

-Entspricht der EG Norm EN 60947 4-1

### ELEKTRISCHE MERKMALE

-Momentanausschalter mit Kontakten in Silberlegierung Bei Druckzunahme:  
-öffnet 1-2 schließt 1-4

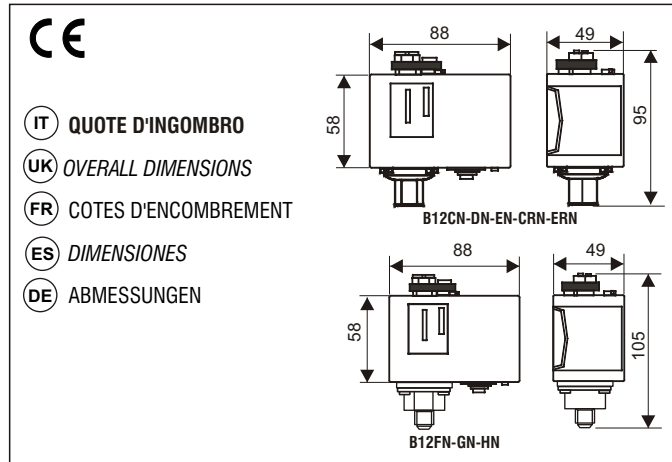


TYP	Skala bar	Differential bar	Höchstdruck Fühlglied bar	Höchsttemperatur Kontrollierte Flüssigkeit °C	Zulässige Temperatur Druckwächterkörper °C	Schutzgrad	Gewicht Kg.
<b>B13BN</b>	0,3 ÷ 4	0,1 ÷ 0,5	6	100	-35 ÷ 60	IP 40	0,39
<b>B13CN</b>	1 ÷ 10	0,3 ÷ 1,5	16	100	-35 ÷ 60	IP 40	0,39

Das Differential muss vom Skalenwert abgezogen werden

Wir behalten uns das Recht vor, ohne Vorbescheid alle jenen konstruktiven und funktionellen Veränderungen vorzusehen, die sich als notwendig erweisen.

## B12CN-DN-EN-FN-GN-HN



Tensione nominale d'isolamento  
Rated insulation voltage  
Tension nominale d'isolation  
Tensión nominal de aislamiento  
Nominale Isolierspannung

Ui 415V~

Corrente nominale di servizio continuativo  
Continuous duty rated current  
Courant nominal de service continu  
Corriente nominal de servicio continuado  
Nominaler Strom bei Dauerbetrieb

Ith 16A

Corrente nominale d'impiego  
Working rated current Courant nominal d'emploi  
Corriente nominal de uso  
Nominaler Betriebsstrom

Ie:  
220V- 380/415V~

Carico resistivo - Resistive load - Charge résistive - Carga resistiva -  
Ohmsche Belastung AC-1 - 16A

Carico induttivo - Inductive load - Charge inductive - Carga inductiva -  
Induktive Belastung AC-3 - 6A

Corrente continua - Direct current - Courant continu - Corriente continua -  
Gleichstrom DC-13 0,2A -

1 bar = 100 kPa

## PRESSOSTATI-PRESSOVUOTOSTATI SERIE B12CN-DN-EN-FN-GN-HN

### IMPIEGO

- Pressostati per il controllo e la regolazione di fluidi e gas non esplosivi.
- Adatti per impianti di compressione, in caldaie, serbatoi, autoclavi, in impianti di ventilazione, lubrificazione.
- Nel caso siano utilizzati come pressostati di controllo, verificare che la pressione del circuito non superi il valore massimo sopportato dall'elemento sensibile (vedi tabella).

### FUNZIONAMENTO E INSTALLAZIONE

- Elemento sensibile con membrana in acciaio inossidabile o a pistoncino (a secondo del tipo)
- Differenziale regolabile
- Raccordo all'elemento pressostato G 1/4 femmina
- L'esecuzione per fluidi refrigeranti ha il raccordo filettato da 1/4" SAE
- A richiesta:
- Pressacavo G 1/2 per uscita collegamenti, in termoplastico antiurto,
- Esecuzione con raccordo G 1/4 maschio

### CARATTERISTICHE

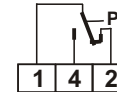
- Telaio metallico.
- Coperchio in materiale termoplastico antiurto
- Uscita collegamenti con passacavo in PVC.
- Grado di protezione IP40.

### NORMATIVE E OMOLOGAZIONI

- Rispondenza alle norme CEI EN 60947-4-1

### CARATTERISTICHE ELETTRICHE

- Interruttore in commutazione con contatti in lega di argento.
- All'aumento della pressione:
- Apre 1-2 chiude 1-4



TIPO	Scala bar	Differenziale bar	Elem. Sens.	Raccordo	Pressione Max bar
B12CN	-0,2 ÷ 8	0,6 ÷ 3	Memb.Inox	G 1/4 femmina	9
B12CRN	-0,2 ÷ 8	0,6 ÷ 3	Memb.Inox	1/4 SAE	9
B12DN	5 ÷ 16	1 ÷ 3,5	Memb.Inox	G 1/4 femmina	18
B12EN	8 ÷ 28	2 ÷ 6	Memb.Inox	G 1/4 femmina	32
B12ERN	8 ÷ 28	2 ÷ 6	Memb.Inox	1/4 SAE	32
B12FN	12 ÷ 50	6 ÷ 15	Pistoncino	G 1/4 maschio	60
B12GN	25 ÷ 150	12 ÷ 40	Pistoncino	G 1/4 maschio	180
B12HN	60 ÷ 300	40 ÷ 80	Pistoncino	G 1/4 maschio	350

Il differenziale va sottratto al valore di scala

Ci riserviamo la facoltà di introdurre tutte le modifiche costruttive e funzionali che riterremo necessarie, senza obbligo di preavviso

## PRESSOSTATS AND PRESSOVACUUMSTATS SERIES B12CN-DN-EN-FN-GN-HN

### -USE

- Pressostats for control and regulation of non-explosive fluids and gases.
- Suitable for compression plants, boilers, tanks, surge tanks, ventilation systems, lubrication circuits.
- If used as control pressostats, check that max. pressure does not exceed the max. sensing element pressure (see the table below)

### -INSTALLATION AND OPERATION

- Stainless steel diaphragm or piston sensing element (according to type)
- Adjustable differential
- G 1/4 female connector
- Cooling fluids versions with 1/4" SAE threaded connector
- Optional:
- G 1/2 cable gland for connection output, in antishock thermoplastic material G 1/4 male connector

### -CHARACTERISTICS

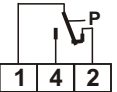
- Metallic frame
- Cover in antishock thermoplastic material
- PVC fairlead for connection output
- Protection IP40.

### -COMPLIANCE WITH NORMS AND STANDARDS

Compliant with CEI EN Standards 60947-4-1

### -ELECTRIC CHARACTERISTICS

- Change-over switch with silver alloy contacts
- When pressure rises:
- 2 opens, 1-4 closes



TYPE	Range bar	Differential bar	Sens. Elem.	Connector	Max. Pressure bar
B12CN	-0,2 ÷ 8	0,6 ÷ 3	Stainless steel diaphragm	G 1/4 female	9
B12CRN	-0,2 ÷ 8	0,6 ÷ 3	Stainless steel diaphragm	1/4 SAE	9
B12DN	5 ÷ 16	1 ÷ 3,5	Stainless steel diaphragm	G 1/4 female	18
B12EN	8 ÷ 28	2 ÷ 6	Stainless steel diaphragm	G 1/4 female	32
B12ERN	8 ÷ 28	2 ÷ 6	Stainless steel diaphragm	1/4 SAE	32
B12FN	12 ÷ 50	6 ÷ 15	Piston	G 1/4 male	60
B12GN	25 ÷ 150	12 ÷ 40	Piston	G 1/4 male	180
B12HN	60 ÷ 300	40 ÷ 80	Piston	G 1/4 male	350

The differential value shall be deducted from the range value

We reserve the right to make whatever technical and manufacturing modifications without prior notice.



## PRESSOSTATS / PRESSOSTATS - VACUOSTATS SÉRIE B12CN-DN-EN-FN-GN-HN

### EMPLOI

- Pressostats pour le contrôle et le réglage de fluides et de gaz non explosifs.
- Aptes pour systèmes de compression, chaudières, réservoirs, autoclaves, systèmes de ventilation et de lubrification.
- S'ils sont utilisés comme pressostats de contrôle, vérifier que la pression du circuit ne dépasse pas la valeur maximale supportée par l'élément sensible (voir le tableau).

### FONCTIONNEMENT ET INSTALLATION

- Élément sensible muni d'une membrane en acier inoxydable ou à piston (selon le type).
- Différentiel réglable.
- Raccord à l'élément pressostat G1/4 femelle.
- La version pour fluides réfrigérants a le raccord fileté de 1/4" SAE.
- Sur demande :
- Serre-câble G1/2 pour la sortie des connexions, en matériau thermoplastique antivol.
- Version avec raccord G1/4 mâle.

### CARACTÉRISTIQUES

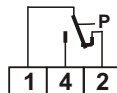
- Cadre métallique.
- Couvercle en matériau thermoplastique antivol.
- Sorties pour connexions avec serre-câble en PVC.
- Indice de protection IP40.

### NORMATIVES ET HOMOLOGATIONS

- Conformément aux normes CEIEN60947-4-1.

### CARACTÉRISTIQUES ÉLECTRIQUES

- Interrupteur en commutation avec
- contacts en alliage d'argent.
- Lors de l'augmentation de la pression :  
Ouvrir 1-2, fermer 1-4



TYPE	Échelle bar	Différentiel bar	Élém. Sens.	Raccord	Pression Max. bar
<b>B12CN</b>	-0,2 ÷ 8	0,6 ÷ 3	Memb. Inox	G 1/4 femelle	9
<b>B12CRN</b>	-0,2 ÷ 8	0,6 ÷ 3	Memb. Inox	1/4 SAE	9
<b>B12DN</b>	5 ÷ 16	1 ÷ 3,5	Memb. Inox	G 1/4 femelle	18
<b>B12EN</b>	8 ÷ 28	2 ÷ 6	Memb. Inox	G 1/4 femelle	32
<b>B12ERN</b>	8 ÷ 28	2 ÷ 6	Memb. Inox	1/4 SAE	32
<b>B12FN</b>	12 ÷ 50	6 ÷ 15	Piston	G 1/4 mâle	60
<b>B12GN</b>	25 ÷ 150	12 ÷ 40	Piston	G 1/4 mâle	180
<b>B12HN</b>	60 ÷ 300	40 ÷ 80	Piston	G 1/4 mâle	350

Le différentiel doit être soustrait de la valeur de l'échelle.

La société se réserve le droit d'apporter sans avis préalable toute modification de fabrication ou de fonctionnement qu'elle jugerait nécessaire.

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## PRESOSTATOS-VACUOSTATOS SERIE B12CN-DN-EN-FN-GN-HN

### EMPLEO

- Presostatos para el control y la regulación de fluidos y gases no explosivos.
- Adecuados para sistemas de compresión, en calderas, depósitos, autoclaves, en sistemas de ventilación y lubricación.
- En el caso en que sean usados como presostatos de control, controlar que la presión del circuito no supere el valor máximo tolerado por el elemento sensible (ver tabla).

### FUNCIONAMIENTO E INSTALACIÓN

- Elemento sensible con membrana de acero inoxidable o de pistón (según el tipo)
- Diferencial regulable
- Racor G14 hembra hacia el elemento presostato
- El modelo para fluidos refrigerantes tiene el racor roscado de 1/4" SAE
- A pedido:
- Sujeta-cables G1/2 para salida de conexiones, de material termoplástico resistente.
- Modelo con racor G1/4 macho

### CARACTERÍSTICAS

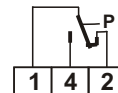
- Bastidor metálico
- Tapa de material termoplástico resistente
- Salida conexiones con sujeta-cables de PVC.
- Grado de protección IP40.

### NORMATIVAS Y HOMOLOGACIONES

- Conformidad con las normas CEIEN60947-4-1

### CARACTERÍSTICAS ELÉCTRICAS

- Interruptor de conmutación con contactos
- En aleación de plata.
- Con aumento de la presión:  
Abre 1-2 cierra 1-4



TIPO	Escala bar	Diferencial bar	Elem. Sens.	Racor	Presión Máx bar
<b>B12CN</b>	-0,2 ÷ 8	0,6 ÷ 3	Memb. Inox.	G 1/4 hembra	9
<b>B12CRN</b>	-0,2 ÷ 8	0,6 ÷ 3	Memb. Inox.	1/4 SAE	9
<b>B12DN</b>	5 ÷ 16	1 ÷ 3,5	Memb. Inox.	G 1/4 hembra	18
<b>B12EN</b>	8 ÷ 28	2 ÷ 6	Memb. Inox.	G 1/4 hembra	32
<b>B12ERN</b>	8 ÷ 28	2 ÷ 6	Memb. Inox.	1/4 SAE	32
<b>B12FN</b>	12 ÷ 50	6 ÷ 15	Pistón	G 1/4 macho	60
<b>B12GN</b>	25 ÷ 150	12 ÷ 40	Pistón	G 1/4 macho	180
<b>B12HN</b>	60 ÷ 300	40 ÷ 80	Pistón	G 1/4 macho	350

El diferencial se resta del valor de escala

Nos reservamos la facultad de introducir todas las modificaciones de fabricación y de funcionamiento que consideremos necesarias, sin obligación de aviso previo.

## DRUCKWÄCHTER – VAKUUMDRUCKWÄCHTER SERIE B12CN-DN-EN-FN-GN-HN

### EINSATZGEBIET

- Druckwächter für die Kontrolle und Regulierung von nicht explosiven Flüssigkeiten und Gasen
- Druckanlagen in Heizkesseln, Tankbehältern, Autoklaven, in Belüftungs- und Schmieranlagen
- Bei Verwendung als Kontrolldruckwächter muss geprüft werden, dass der Druck im Kreis nicht den vom Fühlglied ertragenen Höchstdruck überschreitet (siehe die Tabelle)

### BETRIEBSWEISE UND INSTALLATION

- Fühlglied mit Edelstahlmembran oder Steuerkolben (je nach Typ)
- einstellbares Differential
- Anschlussbuchse G 1/4 für das Druckwächterelement
- Die Version für Kühlflüssigkeiten hat einen Gewindeanschluss 1/4" SAE
- Auf Anfrage:
- Kabelniederhalter aus stoßfestem Thermoplast G 1/2 für Anschlussausgänge Version mit Anschlusszapfen G 1/4

### MERKMALE

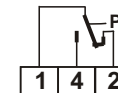
- Metallrahmen
- Deckel aus stoßfestem Thermoplastmaterial
- Anschlussausgänge mit PVC Kabeldurchgang
- Schutzgrad IP40

### NORMEN UND ZULASSUNGEN

- Entspricht der EG Norm EN 60947 4-1

### ELEKTRISCHE MERKMALE

- Wechselschalter mit Kontakten
- aus Silberlegierung
- Bei Druckzunahme  
öffnet 1-2 schließt 1-4



TYP	Skala bar	Differential bar	Anschluss	Druck	Max. bar
<b>B12CN</b>	-0,2 ÷ 8	0,6 ÷ 3	Edelstahlmembran	G 1/4 Buchse	9
<b>B12CRN</b>	-0,2 ÷ 8	0,6 ÷ 3	Edelstahlmembran	1/4 SAE	9
<b>B12DN</b>	5 ÷ 16	1 ÷ 3,5	Edelstahlmembran	G 1/4 Buchse	18
<b>B12EN</b>	8 ÷ 28	2 ÷ 6	Edelstahlmembran	G 1/4 Buchse	32
<b>B12ERN</b>	8 ÷ 28	2 ÷ 6	Edelstahlmembran	1/4 SAE	32
<b>B12FN</b>	12 ÷ 50	6 ÷ 15	Steuerkolben	G 1/4 Zapfen	60
<b>B12GN</b>	25 ÷ 150	12 ÷ 40	Steuerkolben	G 1/4 Zapfen	180
<b>B12HN</b>	60 ÷ 300	40 ÷ 80	Steuerkolben	G 1/4 Zapfen	350

Das Differential muss vom Skalenwert abgezogen werden

Wir behalten uns das Recht vor, ohne Vorbescheid alle jenen konstruktiven und funktionellen Veränderungen vorzusehen, die sich als notwendig erweisen.