

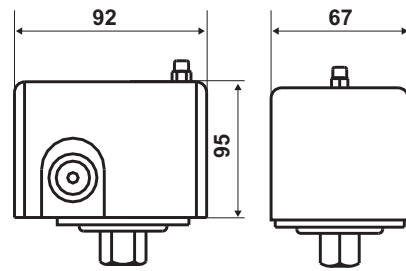
# B71A

## Pressure switches for single-phase / two-phase motors direct control

Pressure controls suitable to control directly the electric motors of the pumps, compressors, domestic or industrial autoclaves groups. Suitable as well for fluids (gas or liquids) chemically compatible with the friction diaphragm.



Dimensioni (mm)



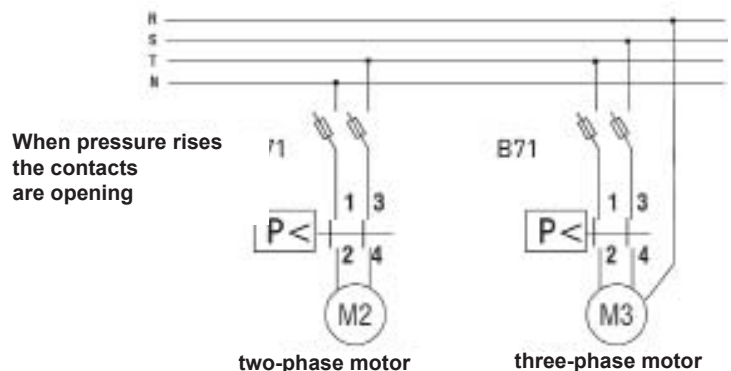
	Range bar	Differential*		Sensitive element max differential* bar	Protection degree	Connection G 1/4	Connection
		range beginning	range ending				
B71A	1,5 ÷ 4,5 bar	1,0 ÷ 2,1 bar	1,2 ÷ 2,3 bar	2,3	IP20	female	biphase

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

## ELECTRICAL FEATURES

Double breaking switch for each pole, contacts in silver alloy.

EXAMPLE OF ELECTRICAL WIRING FOR DIRECT CONTROL OF THE ELECTRIC MOTOR



Nominal insulation tension	Ui 415V~
Continuous duty nominal current	Ith 15A
Operating nominal current in AC-1	Ie 12A
Operating nominal current in AC-3	Ie 3A

# HOMOLOGATION AND STANDARDS

Complies with EN 60947-5-1 standards.

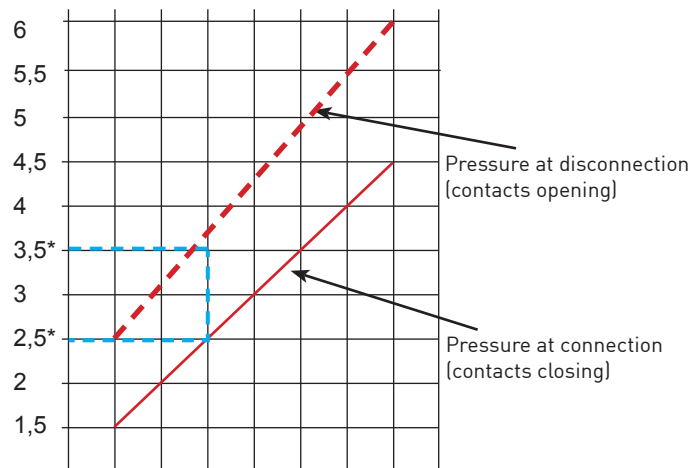
## INSTALLATION

Direct installation on the pipe.

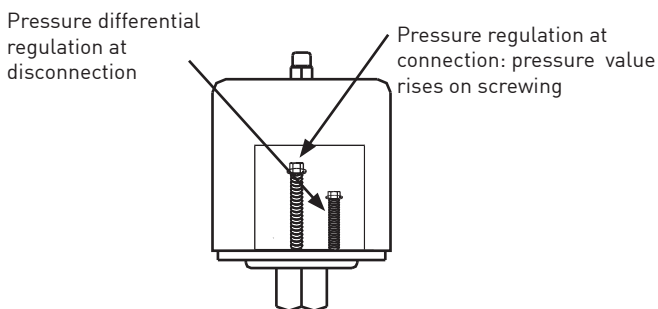
## OPERATION

Contacts are opening when pressure rises.

Bipolar contact allows the control of electric motors up to 3A, without contactor.



\* EXAMPLE: Pressure at disconnection 3,5 bar  
Pressure at connection 2,5 bar



## FEATURES

Sensitive element with friction membrane.

Adjustable differential.

Female connection G 1/4.

Cover in shockproof thermoplastic material.

The metallic parts are in steel.

Earth clamp.

Output connections with two cable glands.

Maximum temperature of the controlled fluid: 70°C.

Pressure switch body admissible temperature: -15 ÷ 60°C.

Storage and transport temperature: -15 ÷ 60°C.

Unit weight: 0,35 Kg.