

J40-218, J40-222, J40-224, J40-226, J40-230, J40-256,
J40-260, J40-262, J40-266, J40-271, J40-274

Бескорпусные реле давления серии J40. Технические характеристики.



По вопросам продаж и поддержки обращайтесь:

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J40 Series

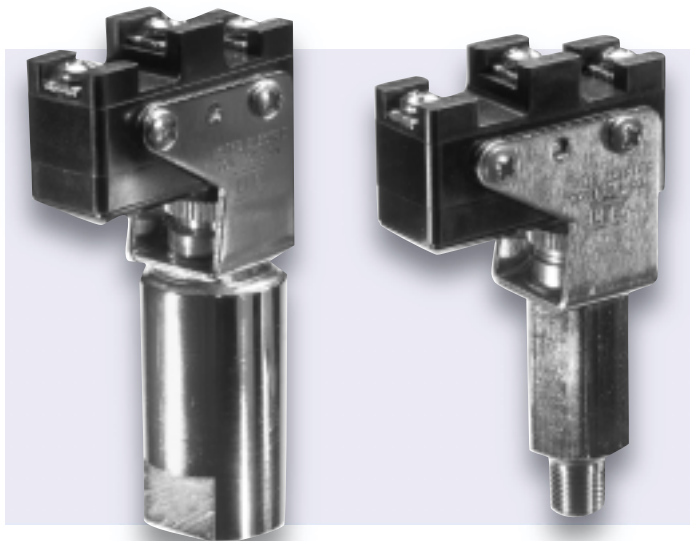
J40 Series

OVERVIEW

The J40 can be utilized in OEM applications where compact size and performance are required. The sealed bellows sensor provides a "leak-free" sensor for applications where elastomers are unacceptable. Proven reliability involving sterilizers, plasma-cutting, anesthesia equipment, and even protective switching devices for power equipment, have made the J40 a versatile OEM pressure switch.

FEATURES

- Sealed metal bellows sensor
- Brass or phosphor bronze wetted material
- Compact size
- Easy external adjustment
- Optional adjustable deadband switch
- UL recognized for the US and Canada; CE compliant to LVD & PED



Optional Hex bellows housing

SPECIFICATIONS

STORAGE TEMPERATURE	-65 to 160°F (-54 to 71 °C)
AMBIENT TEMPERATURE LIMITS	-40 to 160°F (-40 to 71 °C)
SHOCK	Set point repeats after 15 G, 10 millisecond duration
VIBRATION	Set point repeats after 2.5 G, 5-500 CPS
ENCLOSURE CLASSIFICATION	Not applicable
SET POINT REPEATABILITY	± 1% of adjustable range
SWITCH OUTPUT	One SPDT; switch may be wired "normally open" or "normally closed"
ELECTRICAL RATING	15 A 125/250 VAC resistive. Electrical switches have limited DC capabilities. Consult UE for additional information.
ENCLOSURE	Skeleton construction
WEIGHT	Approx. 4 oz.
ELECTRICAL CONNECTION	Direct to switch terminals
PRESSURE CONNECTION	Models 218-230: 1/4" NPT (female); Models 256-274: 1/8" NPT (male)
MOUNTING	Via NPT pressure connection



MODEL CHART

Model	Adjustable Set Point Range		Deadband		*Proof Pressure	
	psi (unless noted)	bar	psi (unless noted)	bar (unless noted)	psi	bar
Phosphor bronze bellows with brass 1/8" NPT (male) pressure connection						
256	0 to 30	0 to 2,1	1.5 to 2.5	0,1 to 0,2	45	3,1
260	0 to 60	0 to 4,1	1.5 to 4	0,1 to 0,3	90	6,2
262	0 to 90	0 to 6,2	1.5 to 4	0,1 to 0,3	135	9,3
266	0 to 100	0 to 6,9	2 to 4	0,1 to 0,3	150	10,3
271	0 to 240	0 to 16,5	2 to 6	0,1 to 0,4	330	22,8
274	0 to 300	0 to 20,7	4 to 6	0,3 to 0,4	350	24,1
Phosphor bronze bellows with brass 1/4" NPT (female) pressure connection						
218	30" Hg Vac to 0	-1 to 0	1 to 2.5" Hg Vac	33,9 to 84,7 mbar	5	0,3
222	0 to 20	0 to 1,4	0.2 to 1.3	13,8 to 89,6 mbar	30	2,1
224	0 to 30	0 to 2,1	0.2 to 1.3	13,8 to 89,6 mbar	45	3,1
226	0 to 50	0 to 3,4	0.2 to 1.3	13,8 to 89,6 mbar	75	5,2
230	0 to 100	0 to 6,9	1 to 2.3	0,1 to 0,2	110	7,6

HOW TO ORDER

BUILDING A PART NUMBER

Select a **Type**

Refer to the "Type" section below.

Determine type number based on switch output, enclosure, adjustment and reference.

Fill in the type portion of your part number with the corresponding number.

Select a **Model**

Refer to the "Model Charts"

Determine model based on adjustable range, deadband and proof pressure.

Fill in the model portion of your part number with the corresponding number.

Select an **Option**

Refer to the "Options" section

Determine option number based on switch output, optional materials or other product enhancements.

Fill in the option portion of your part number with the corresponding number. Leave "option" portion blank if no options are needed.

FOR MULTIPLE OPTIONS: Call United Electric Controls.

TYPE	DESCRIPTION
J40	One SPDT output; skeleton open frame construction; external adjustment with no reference dial

SWITCH OPTIONS*

0140	Gold contacts, 1 A 125 VAC resistive
0500	Close deadband, 5 A 125/250 VAC resistive
1070	10 A 125 VDC or VAC resistive; deadband and minimum set point will increase; consult factory for information
1520	Adjustable deadband, 15 A 125/250/277 VAC resistive. Adjustable wheel changes rise setting only. If adjustment of fall setting is required, use primary adjustment
1535	High ambient, 15 A 125/250 VAC resistive; temperatures up to 250°F (121°C)

GENERAL

M201	Factory set one switch; specify set point on increasing or decreasing pressure
M407	CE Compliance to Pressure Equipment Directive (category IV). NOT AVAILABLE MODEL 218
M444	Paper ID tag
M446	Stainless steel ID tag and wire attachment
M514	Hex bellows housing. NOT AVAILABLE ON MODELS 218-230
M550	Oxygen service cleaning; internal construction may change

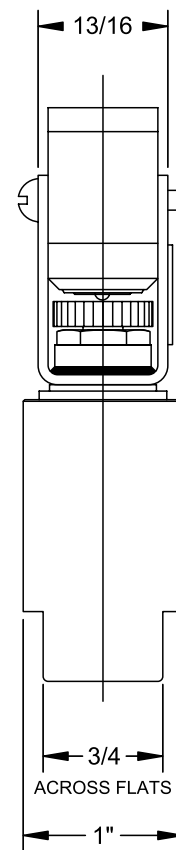
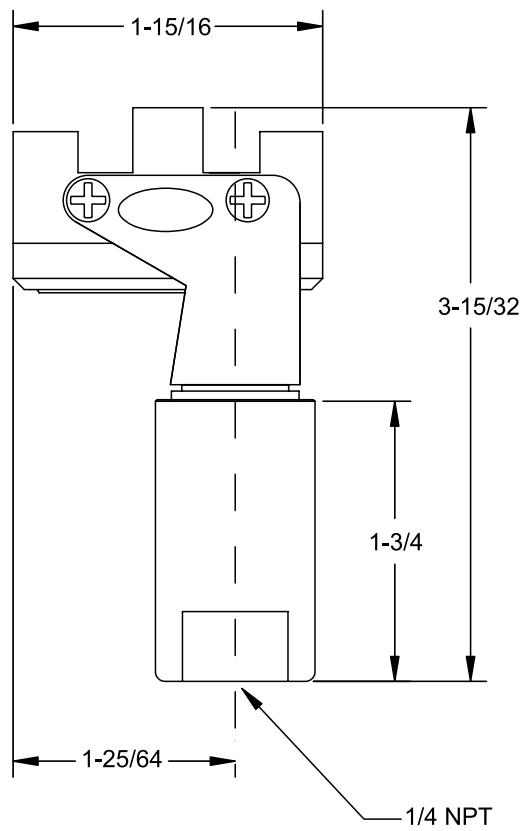


J40 Series

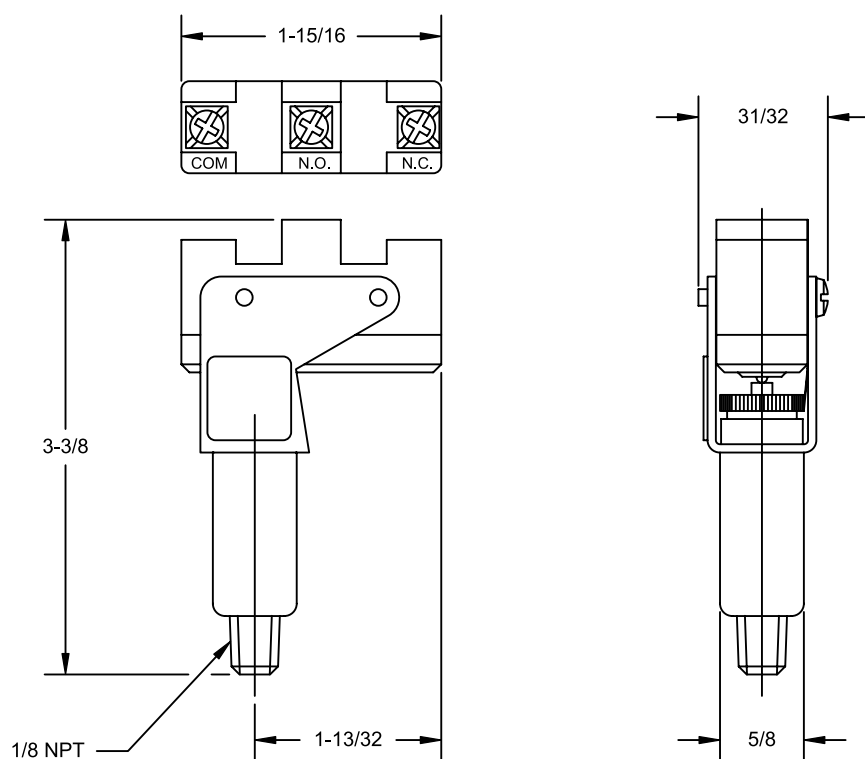
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DIMENSIONAL DRAWINGS

Type J40, Models 218-230



Type J40, Models 256-274



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