



017D004566 [↗](#)

Differential pressure switch, RT263AL

Diff.press.setting range [bar]: 0.1 - 1, Reset function: Auto, Pressure connection type: G, Pressure connection size: 3/8, Enclosure rating IP: IP66, Max. Working Pressure [bar]: 7

Product details

Characteristic	Value
Gross weight	1.406 Kilogram
Net weight	1.118 Kilogram
Volume	4.715 Liter
EAN	5702428042741
Type	RT263AL
Product group	Switches and thermostats
Product Name Description	Differential pressure switch
Alarm Signal	Falling
Ambient temperature range [°C] [max]	70 °C
Ambient temperature range [°C] [min]	-50 °C
Ambient temperature range [°F] [max]	158 °F
Ambient temperature range [°F] [min]	-58 °F
Approval	CCC, CE, EAC, LLC CDC EURO-TYSK, LVD, RMRS, RoHS, RoHS China, TYSK
CE mark	Yes
China RoHS compliance	Yes
Contact differential [bar]	0.05 bar
Contact function	SPDT (neutral zone)
Contact rating	AC15=3 A, 400 V AC1=10 A, 400 V AC3=4 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V
Contains batteries	No
Diff.press.setting range [bar] [max]	1 bar



Product details

Characteristic	Value
Diff.press.setting range [bar] [min]	0.1 bar
Diff.press.setting range [MPa] [max]	0.1 MPa
Diff.press.setting range [MPa] [min]	0.01 MPa
Diff.press.setting range [psi] [max]	14.5 psi
Diff.press.setting range [psi] [min]	1.5 psi
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical conn. Male/Female	Female
Electrical connection	Screwed cable entry
Electrical connection size	2xPg 13.5
Electrical connection standard	DIN 40430
Electrical spec. standard	EN 60947-4/-5
EN 60947 electrical properties	Insulation: 400V Pollution degree: 3 Rated impulse voltage: 4 kV Short circuit prot, fuse: 10A
EN 60947 wiring properties	Flex, ferrules: 0.2-1.5 mm ² Flex, no ferrules: 0.2-2.5 mm ² Solid/stranded: 0.2-2.5 mm ²
Enclosure rating IP	IP66
EU RoHS compliance	Yes
EU RoHS exemption clause	No
Factory setting [bar]	0.8 bar
Factory setting [MPa]	0.08 MPa
Factory setting [psig]	11 psig
In scope of WEEE	Yes
Max. neutral zone [bar]	0.23 bar
Max. test pressure [bar] Pe	8 bar
Max. test pressure [psig]	116 psig
Max. Working Pressure [bar]	7 bar
Max. Working Pressure [psig]	101 psig
Operat. range LP side [bar] Pe [max]	6 bar
Operat. range LP side [bar] Pe [min]	-1 bar
Operat. range LP side [psig]Pe [max]	87 psig

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



Product details

Characteristic	Value
Operat. range LP side [psig]Pe [min]	-15 psig
Packing format	Multi pack
Pressure connection notes	Weld nipple d6.5/D10mm
Pressure connection size	3/8
Pressure connection standard	ISO 228-1
Pressure connection type	G
Pressure Male/Female	Male
Pressure range [bar] Pe [max]	6 bar
Pressure range [bar] Pe [min]	-1 bar
Product accessories	Generic accessories Switches accessories
Product description	Diff. Pressure Switch
Quantity per packing format	9 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Relay release time [s]	0 s
Reset function	Auto
SCIP dossier no.	f62fe422-beda-433a-a602-740419c82c06
SCIP dossier product name	RT Presso_Diff.Presso
Serviceable	Contact systems

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [↗](#)

Accessories

We're sorry, but the requested information is currently unavailable.

This may be because accessories for this product are not available or the data is incomplete.

For the latest and most accurate information, please visit store.danfoss.com.

Thank you for your understanding.

For more information, please use this link to visit the product page on Danfoss Product Store [↗](#)

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.