

ENGINEERING
TOMORROW



Danfoss Sensing Solutions

Easy selection of products for water pump applications

You know your water pump. We know how to handle the pressure.



sensors.danfoss.com

A wide range for water pump applications

Pressure sensors



DST P140



DST P300



MBS 1700



MBS 3000



DST P401



MBS 4010

Application	Water distribution					Water treatment
Media	Neutral media				Highly corrosive media	Media w/impurities
Max. Measuring range [bar]	0-40	0-600	0-25	0-600	0-100	0-25
Max. Measuring range [psi]	0-300	0-9000	0-360	0-9000	0-1450	0-360
Output signal	4-20 mA	4-20 mA Absolute voltage	4-20 mA	4-20 mA Absolute voltage	4-20 mA	4-20 mA
Enclosure IP	IP67	IP65, IP67	IP65	IP65, IP67	IP65	IP65, IP67
Wetted parts material	AISI 304L, AISI 316L	AISI 316L	AISI 316L	AISI 316L	Titanium Grade 2	AISI 316L
Housing material	AISI 304L PA 6.6	AISI 316L PA 6.6	AISI 316L PA 6.6	AISI 316L PA 6.6	Titanium Grade 2 PA 6.6	AISI 316L PA 6.6
UL Hazloc approved	Class 1, Div. 2	Class 1, Div. 2	-	Class 1, Div. 2	-	Class 1, Div. 2
NSF 61 approved	Yes	Yes	-	-	-	-
Digital readiness	Yes	Yes	-	-	-	-



KP/KPI

Pressure switch

Setting range [bar]	-0.2-28
Setting range [psi]	-2.9-406
Contact system	SPDT
Electrical rating AC-3	16/6 A, 400 V
Electrical rating AC-15	10/4 A, 400 V
Differential	Adjustable
Enclosure IP	IP30, IP44, IP55

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water pump applications.
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