



Air Pressure Switch Setup

Setting up the Air Pressure Switch. Photos are from ZX5.

 Difficulty Easy

 Duration 5-10 minute(s)

Contents

Step 1 - Reduce pressure to around 4 Bar on the air service unit where the pressure switch is wired.

Step 2 - Find the Input on the service /IO tab

Step 3 - Slowly adjust the dial for the pressure switch

Step 4 - Watch for the Input to switch

Step 5 - Re-adjust the pressure back up to 6Bar

Step 6 - Make sure the Alarm is the correct sense

Step 7 - Test by removing the air from the machine to see if it produces the 'Air Pressure Low' Alarm

Comments

Step 1 - Reduce pressure to around 4 Bar on the air service unit where the pressure switch is wired.



Step 2 - Find the Input on the service /IO tab

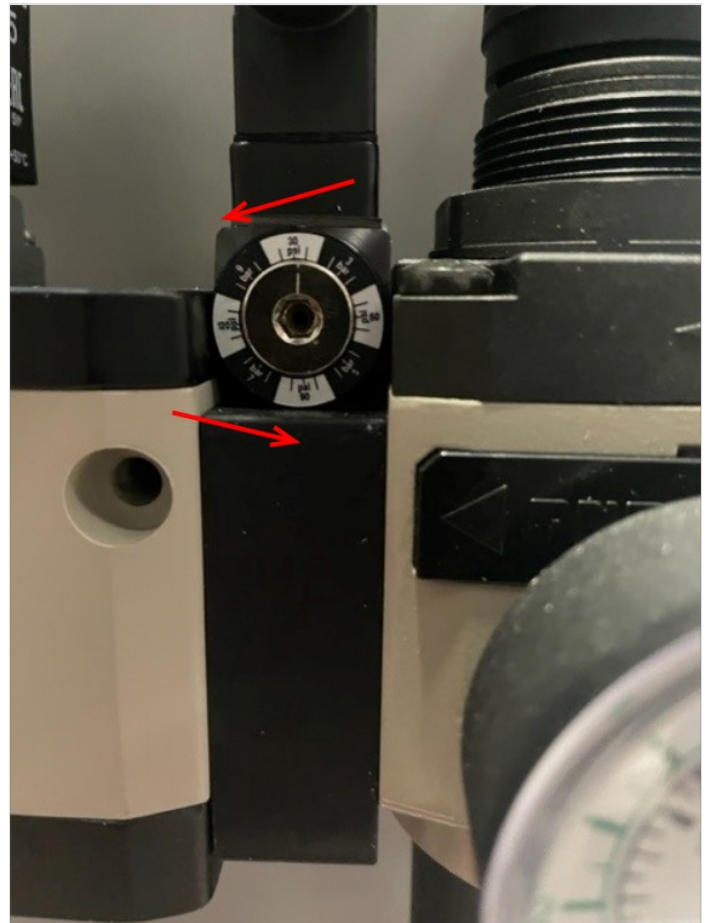
This is usually called 'AIR'!

From this point you will either need to have somebody watch the input on the screen or have means (eg dialled in on a laptop) to be able to watch the output while carrying out the next step.



Step 3 - Slowly adjust the dial for the pressure switch

Use a 4mm Allan Key for this. (Anti-clockwise)



Step 4 - Watch for the Input to switch

At the point the input switches back the dial up slightly for it to switch back.



Step 5 - Re-adjust the pressure back up to 6Bar

Step 6 - Make sure the Alarm is the correct sense

In the Settings/ Alarms tab make sure the Alarm will be produced at the correct sense the input is switching.

RefNo	Input Ref	iState	Output Ref	oState	Timeout	Action	Message	Module	Enbl	DemcH
19	InC_BinPop	On	Out_CLV	On	0	4Abn	V Notching Asympct Bes	MH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20	InF_AIR	On	<Undefined>	OFF	50	3Cycle...	Air Pressure Low	Both	<input checked="" type="checkbox"/>	<input type="checkbox"/>
33	InB_MOVL	On	<Undefined>	OFF	0	3Cycle...	Reap-Malfunction Trippd	MH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
33	InB_VOVL	On	<Undefined>	OFF	0	3Cycle...	V Notch Motor Overload	MH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41	InB InvOk	OFF	SPIN1	On	0	3Cycle...	Spindle 1 Motor Alarm	MH	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Step 7 - Test by removing the air from the machine to see if it produces the 'Air Pressure Low' Alarm