

Date:  
January 27, 2012

Technical Newsletter

No:  
44



www.grindex.com

Subject:  
Changes for level regulators

Dear Distributor,

## Design modification for level regulator

### 1. Level regulator connection

#### - Micro, Mini, Solid

Type of level regulator is changed from quick contact connection (kit no. 509370x) to traditionally seal sleeve connection (kit no. 516650x). The change is made on the new versions of Micro (8121.211), Mini (8122.211) and Solid (8123.281).

The different type of level regulator is not compatible between pump version 8121.210 / 8121.211, 8122.210 (Macro) / 8122.211 (Mini) or 8123.280 / 8123.281.

	Frequency - Approval	Max. voltage	Old level regulator	Current level regulator
1-Ph	50 Hz – CE approved	250 V	5093700	5166500
	60 Hz – CSA approved	250 V	5093701	5166501

#### - Minex, Minette and Salvador 1-phase

Type of level regulator is changed from quick contact connection (kit no. 509370x) to traditionally seal sleeve connection (kit no. 511550x). Level regulator (kit no. 511550x) is delivered on pumps from 2011-08-31 (from serial number 1160001).

	Frequency - Approval	Max. voltage	Old level regulator	Current level regulator
1-Ph	50 Hz – CE approved	250 V	5093700	5115500, -01
	60 Hz – CSA approved	250 V	5093701	5115502

	Frequency - Approval	Voltage (max)	Comment	Current level regulator
3-Ph	50 Hz – CE approved	400 V	Same as before	5115500
		24 V (250 V)	New	5115501*
	60 Hz – CSA approved	24 V (250 V)	New	5115502*

\* For 24V level regulator control circuit, transformer and contactor separate must be ordered separately.

**Reason for change:** We are standardizing the level regulator type and way of connection.

**Spare part:** 5093700 and 5093701 will be available to August 2016.

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**Old level regulator  
with quick contact connection**



**Current level regulator  
with seal sleeve connection**

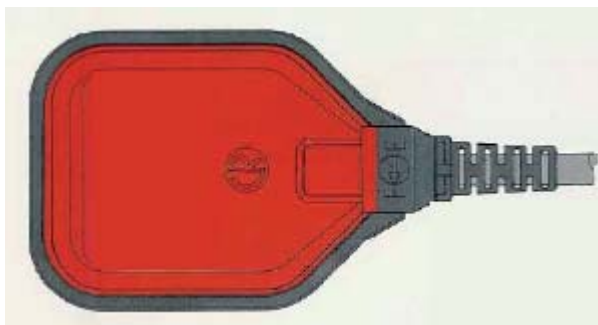


## 2. Change of level regulator supplier

Level regulator with part no. 5017600 (0,75m) and 131621 (10m):  
Supplier have been changed from Richensperger (model: EURO 2000) to MAC3 (model: Small) because of Richensperger stopped producing the model.  
This includes changing of maximum temperature limit from 90°C to 50°C.

**Time for change:** from April 2011

**Old level regulator (EURO 2000)**



**New level regulator (Small)**



Yours sincerely,  
*Magnus Forssell*  
Technical Support