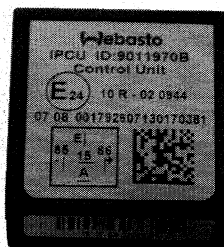
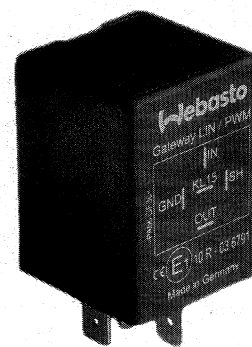


Gebläse-Gateway (GGW) mit PWM Funktion

GGW ersetzt IPCU



IPCU



GGW

Gegenüberstellung IPCU und GGW

Die Bauhöhe des Moduls hat sich maßgeblich verändert, sodass für das GGW ein ca. 3-mal so hoher Bauraum benötigt wird.

Wird im Reparaturfall die IPCU durch das GGW ersetzt, so ist der in der Einbaudokumentation vorgeschlagene Einbauort auf ausreichenden Bauraum vorab zu prüfen. Im Bedarfsfall muss für das GGW ein anderer Einbauplatz gewählt werden.

Der elektrische Anschluss verbleibt unverändert. Die in der Einbaudokumentation aufgeführten Punkte zur elektrischen Einbindung bleiben weiterhin gültig.

Parametrierung

Die Parametrierung des GGW erfolgt analog zum bisher bekannten Vorgehen bei den IPCU Modulen. Die Parametrierung kann über die Webasto Thermo Test Diagnose ab Version 2.16 und dem spezifischen Diagnosemodul durchgeführt werden.

GGW Spezifikationen:

- Bauhöhe 40 mm
- Ersatzteil für IPCU
- Elektrischer Anschluss unverändert
- Parametrierung über die Webasto Thermo Test Diagnose ab Version 2.16

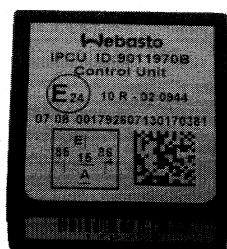
Variantentabelle

ID GGW	ID IPCU (alt)	Bezeichnung GGW	Duty Cycle	Frequenz	Spannung*	Funktion
9029010A	9013364C	GATEWAY LIN PWM 60PCT 400Hz LSA	60%	400Hz		LSA
9029012A	9013385C	GATEWAY LIN PWM 80PCT 2kHz LSA	80%	2kHz		LSA
9029014A	9013726B	GATEWAY LIN PWM 65PCT 400Hz LSA	65%	400Hz		LSA
9029016A	9014391B	GATEWAY LIN PWM 100PCT DC 1.7V HSA	100%	DC	1,7V	HSA
9029018A	9015471B	GATEWAY LIN PWM 100PCT DC 1.2V HSA	100%	DC	1,2V	HSA
9029020A	9015473B	GATEWAY LIN PWM 46PCT 100Hz LSA	46%	100Hz		LSA
9029022A	9015475B	GATEWAY LIN PWM 27PCT 400Hz LSA	27%	400Hz		LSA
9029024A	9015684B	GATEWAY LIN PWM 75PCT 2kHz LSA	75%	2kHz		LSA
9029026A	9016099B	GATEWAY LIN PWM 100PCT DC 2.2V HSA	100%	DC	2,2V	HSA
9029028A	9016109D	GATEWAY LIN PWM 100PCT DC 4.5V HSA	100%	DC	4,5V	HSA
9029030A	9016403B	GATEWAY LIN PWM 100PCT DC 3.9V HSA	100%	DC	3,9V	HSA
9029032A	9016481B	GATEWAY LIN PWM 37PCT 400Hz LSA	37%	400Hz		LSA
9029034A	9016769B	GATEWAY LIN PWM 100PCT DC 1.5V HSA	100%	DC	1,5V	HSA
9029036A	9016981B	GATEWAY LIN PWM 35PCT 1200Hz 4.2V HSA	35%	1200Hz	4,2V	HSA
9029038A	9017722B	GATEWAY LIN PWM 31PCT 300Hz LSA	31%	300Hz		LSA
9029040A	1311840B	GATEWAY LIN PWM 42PCT 1kHz 5V HSA	42%	1kHz	5V	HSA
9029042A	1312109C	GATEWAY LIN PWM 100PCT DC 4.2V HSA	100%	DC	4,2V	HSA
9029044A	1312233B / 1316947A	GATEWAY LIN PWM 100PCT DC 3.6V HSA	100%	DC	3,6V	HSA
9029046A	1312234B	GATEWAY LIN PWM 100PCT DC 4.8V HSA	100%	DC	4,8V	HSA
9029048A	1312600B	GATEWAY LIN PWM 42PCT 1200Hz 4.6V HSA	42%	1200Hz	4,6V	HSA
9029050A	1313040B	GATEWAY LIN PWM 70PCT 400Hz LSA	70%	400Hz		LSA
9029052A	1313082B	GATEWAY LIN PWM 100PCT DC 2.7V HSA	100%	DC	2,7V	HSA
9029054A	1313830A	GATEWAY LIN PWM 55PCT 100Hz LSA	55%	100Hz		LSA
9029056A	1314500A	GATEWAY LIN PWM 62PCT 600Hz LSA	62%	600Hz		LSA
9029058A	1314518A	GATEWAY LIN PWM 33PCT 100Hz LSA	33%	100Hz		LSA
9029060A	1314923A	GATEWAY LIN PWM 70PCT 100Hz LSA	70%	100Hz		LSA
9029062A	1315112A	GATEWAY LIN PWM 56PCT 400Hz 3V HSA	56%	400Hz	3,0V	HSA
9029064A	1315610A	GATEWAY LIN PWM 100PCT DC 4.7V HSA	100%	DC	4,7V	HSA
9029066A	1316871A	GATEWAY LIN PWM 52PCT 2kHz LSA	52%	2kHz		LSA
9029068A	1316872A	GATEWAY LIN PWM 65PCT 2kHz LSA	65%	2kHz		LSA
9029072A	1317016A	GATEWAY LIN PWM 37PCT 400Hz LSA	37%	400Hz		LSA
9029074A	1317389B	GATEWAY LIN PWM 40PCT 100Hz 9V HSA	40%	100Hz	9V	HSA
9029076A	1317576A	GATEWAY LIN PWM 70PCT 400Hz LSA	70%	400Hz		LSA
9029078A	1317588A	GATEWAY LIN PWM 62PCT 100Hz LSA	62%	100Hz		LSA
9029080A	1318614A	GATEWAY LIN PWM 100PCT DC 5.1V HSA	100%	DC	5,1V	HSA
9029082A	1318737A	GATEWAY LIN PWM 100PCT DC 2.4V HSA	100%	DC	2,4V	HSA
9029084A	1320859A	GATEWAY LIN PWM 25PCT 1kHz 4.8V HSA	25%	1kHz	4,8V	HSA
9029294A	1321176A	GATEWAY LIN PWM 100PCT DC 3.3V HSA	100%	DC	3,3V	HSA
9029296A	9011970B	GATEWAY LIN PWM 30PCT 400Hz 8V HSA	30%	400Hz	8V	HSA

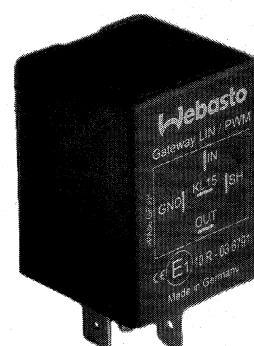
* bei Funktion LSA kein Spannungswert einstellbar

Blower Gateway (GGW) with PWM Function

GGW replaces IPCU



IPCU



GGW

Comparison of IPCU and GGW

The module installation height has changed significantly, which means that a construction space around 3 times higher is now required for the GGW.

If, during a reparation, the IPCU is replaced by the GGW, please check in advance in the documentation that the proposed installation location offers adequate construction space. If necessary, a different installation location must be found for the GGW.

The electrical connection remains unchanged. The electrical connection points indicated in the installation documentation remain unchanged.

Set-up

The GGW is set up in a similar way as the procedure previously employed for the IPCU modules. Set-up can be performed using the Webasto Thermo Test Diagnostics from version 2.16 and the relevant diagnostic module.

GGW specifications:

- Installation height 40 mm
- Spare part for IPCU
- The electrical connection remains unchanged
- Set-up using the Webasto Thermo Test Diagnostics from version 2.16

Table of versions

ID GGW	ID IPCU (old)	Description GGW	Duty Cycle	Frequency	Voltage*	Function
9029010A	9013364C	GATEWAY LIN PWM 60PCT 400Hz LSA	60%	400Hz		LSA
9029012A	9013385C	GATEWAY LIN PWM 80PCT 2kHz LSA	80%	2kHz		LSA
9029014A	9013726B	GATEWAY LIN PWM 65PCT 400Hz LSA	65%	400Hz		LSA
9029016A	9014391B	GATEWAY LIN PWM 100PCT DC 1.7V HSA	100%	DC	1.7V	HSA
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9029030A	9016403B	GATEWAY LIN PWM 100PCT DC 3.9V HSA	100%	DC	3.9V	HSA
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9029058A	1314518A	GATEWAY LIN PWM 33PCT 100Hz LSA	33%	100Hz		LSA
9029060A	1314923A	GATEWAY LIN PWM 70PCT 100Hz LSA	70%	100Hz		LSA
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9029066A	1316871A	GATEWAY LIN PWM 52PCT 2kHz LSA	52%	2kHz		LSA
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9029074A	1317389B	GATEWAY LIN PWM 40PCT 100Hz 9V HSA	40%	100Hz	9V	HSA
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9029078A	1317588A	GATEWAY LIN PWM 62PCT 100Hz LSA	62%	100Hz		LSA
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9029294A	1321176A	GATEWAY LIN PWM 100PCT DC 3.3V HSA	100%	DC	3.3V	HSA
9029296A	9011970B	GATEWAY LIN PWM 30PCT 400Hz 8V HSA	30%	400Hz	8V	HSA

* with LSA function it is not possible to adjust the voltage value

