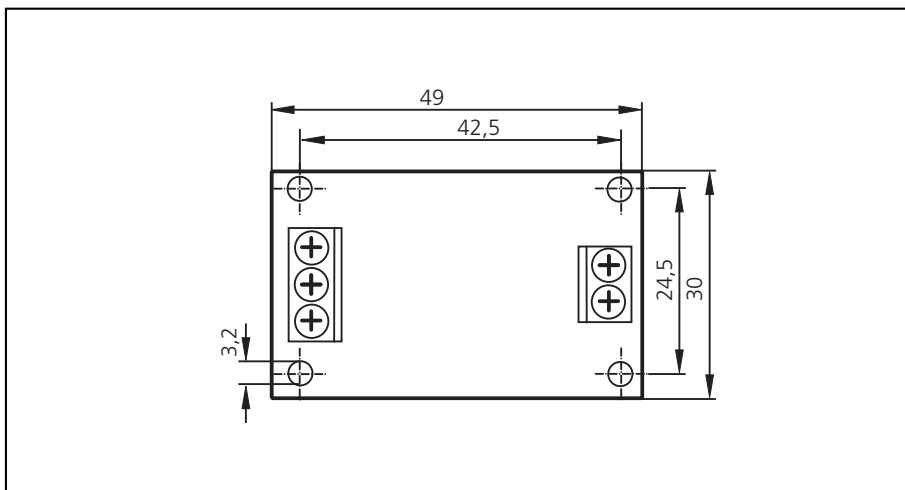




CR3001

PWM / Analogmodul



Verwendung

Umwandlung eines ecomat100 Controller PWM-Signals in eine analoge Spannung

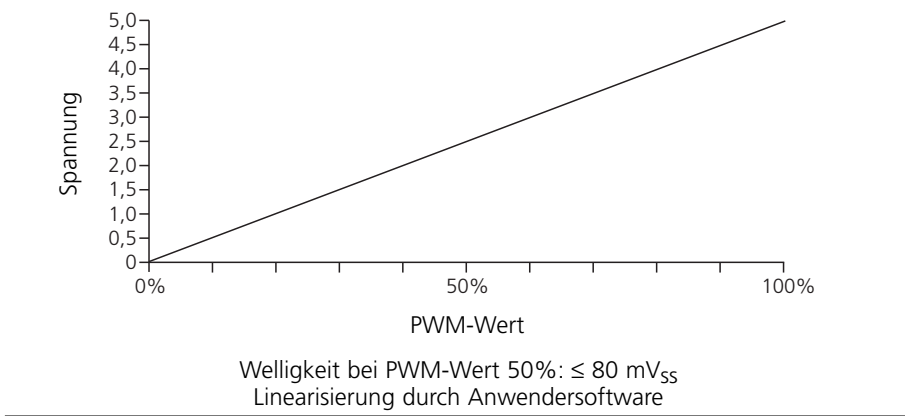
Betriebsspannung
Strombelastbarkeit
Verpolungssicher
Eingangssignal
Ausgangsspannung
Aufbau
Umgebungstemperatur

24 V DC (max. 30 V DC)
< 20 mA
ja
24 V DC PWM-Signal
0...5 V DC
Leiterplatte, 49 x 30 x 15 mm
-40...85 °C

Steuerungsparameter

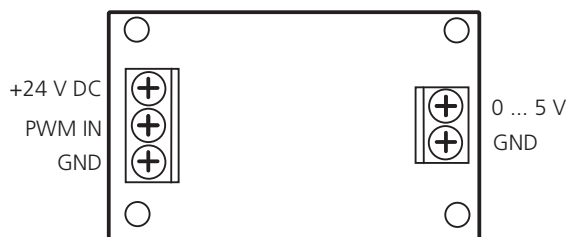
PWM-Frequenz: 122 Hz
Weitere Informationen: siehe Systemhandbuch Controller
(www.ifm.com → Service → Download → Steuerungssysteme)

Kennlinie



Anschluss
Anschlussbelegung

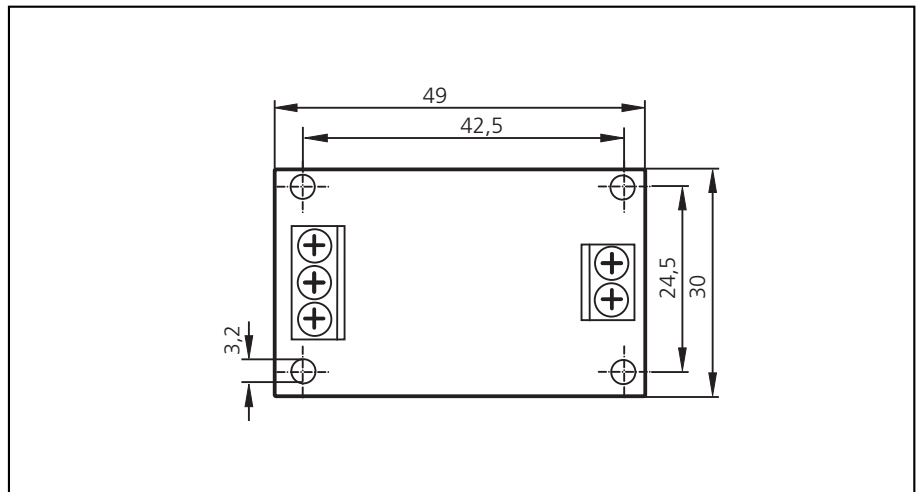
5 Schraubklemmen ...2,5 mm²





CR3001

PWM / analog module

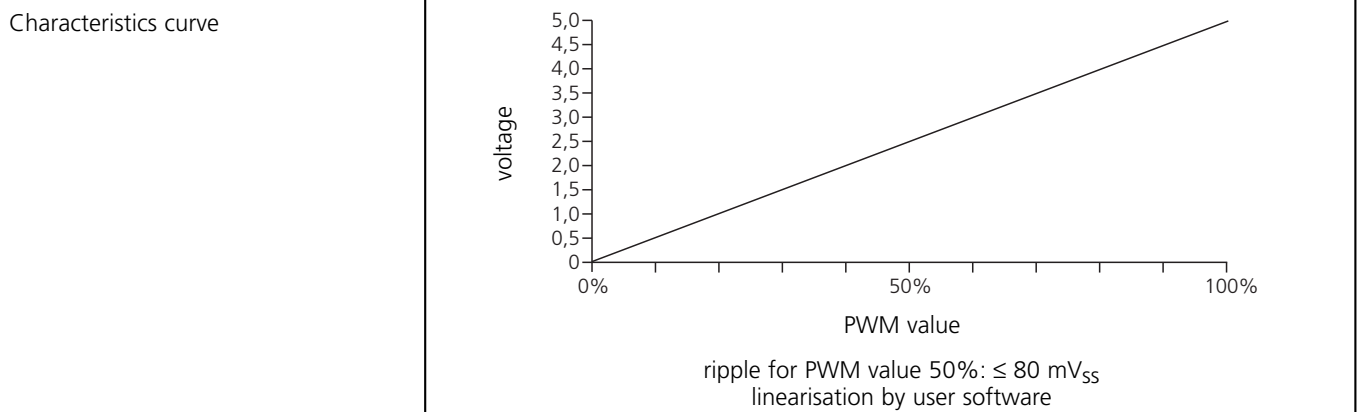


Application

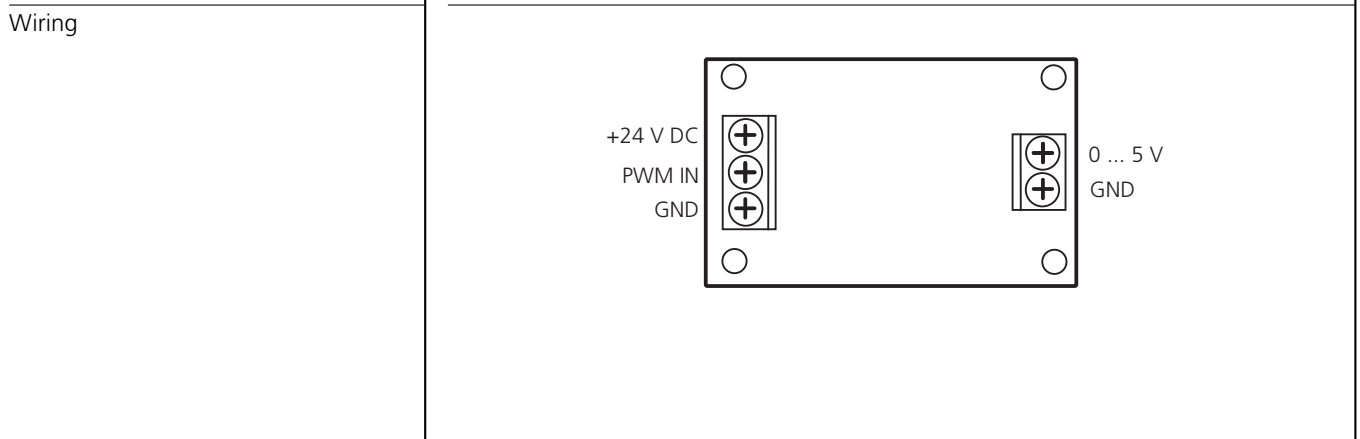
conversion of an ecomat100 controller PWM signal into an analog voltage

Operating voltage	24 V DC (max. 30 V DC)
Current load	< 20 mA
Reverse polarity protection	yes
Input signal	24 V DC PWM signal
Output voltage	0...5 V DC
Structure	PCB, 49 x 30 x 15 mm
Ambient temperature	-40...85 °C

Control parameters
 PWM frequency: 122 Hz
 Additional information; see system manual of the controller
 (www.ifm.com → Service → Download → Control systems)



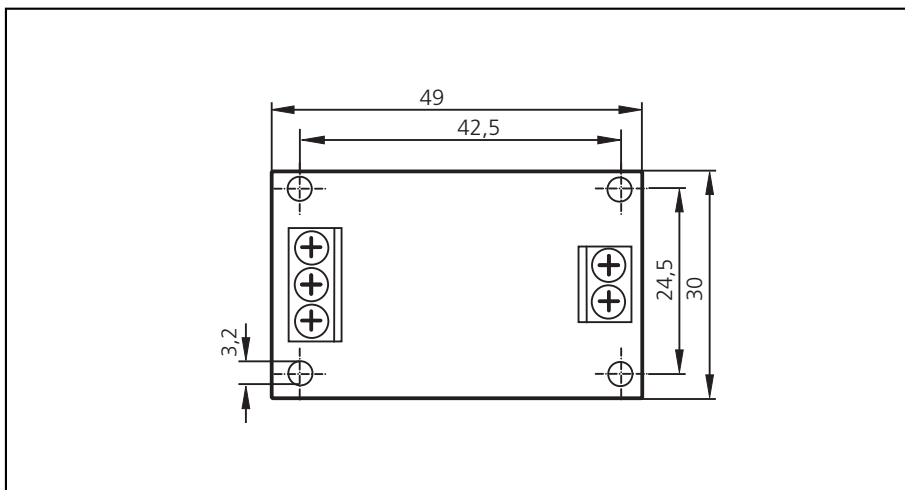
Connection
 5 terminals ...2.5 mm²





CR3001

PWM (modulation d'impulsions en largeur) / module analogique



Application

conversion d'un signal PWM (ecomat100 controleur) en tension analogique

Tension d'alimentation

24 V DC (max. 30 V DC)

Courant de sortie

< 20 mA

Protégé: inv. de pol.

oui

Signal d'entrée

signal PWM 24 V DC

Tension de sortie

0...5 V DC

Structure

carte de circuits imprimés, 49 x 30 x 15 mm

Température ambiante

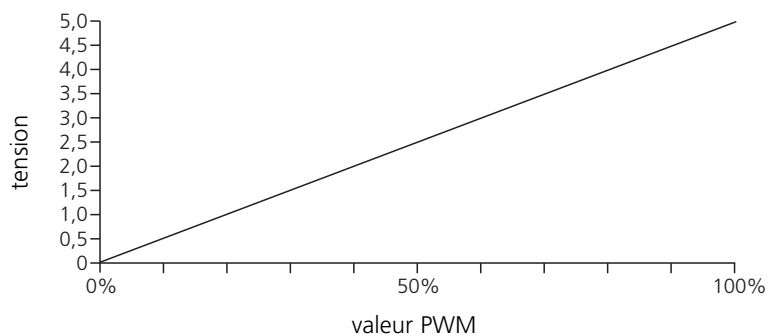
-40...85 °C

Paramètres de commande

Fréquence PWM: 122 Hz

Informations supplémentaires: voir manuel controleur
(www.ifm.com → Services → Download → Systemes de controle-commande)

Courbe caractéristique



ondulation pour valeur PWM 50%: ≤ 80 mV_{SS}
linéarisation par logiciel utilisateur

Raccordement

5 bornes ...2,5 mm²

Schéma de branchement

