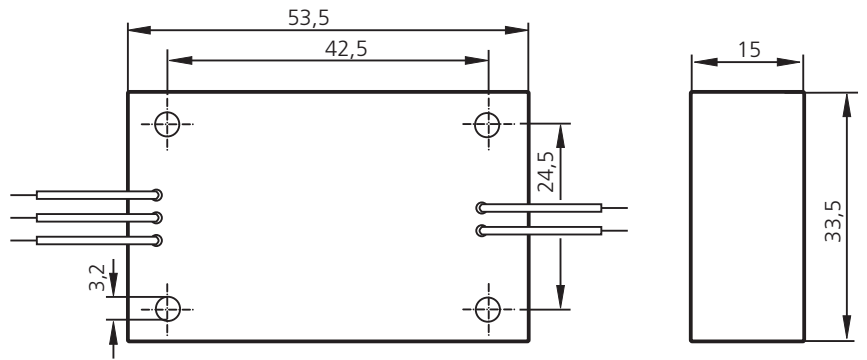




CR3004

PWM / Analogmodul



Verwendung

Betriebsspannung
 Strombelastbarkeit
 Verpolungssicher
 Eingangssignal
 Ausgangsspannung
 Aufbau
 Gehäusewerkstoff
 Umgebungstemperatur
 Elektronik
 Adern bewegt
 Adern in Ruhe

Steuerungsparameter

Kennlinie

Anschluss

Anschlussbelegung

**Umwandlung eines ecomat100 Controller PWM-Signals
 in eine analoge Spannung**

24 V DC

< 20 mA

ja

24 V DC PWM-Signal

0...10 V DC

Gehäusemodul

glasfaserverstärktes Polyamid

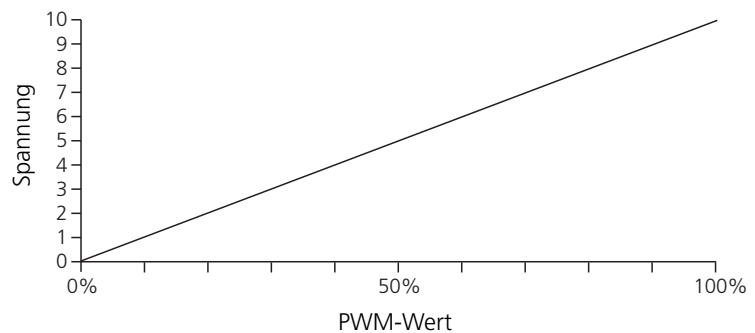
-40...85 °C

-5...105 °C

-30...105 °C

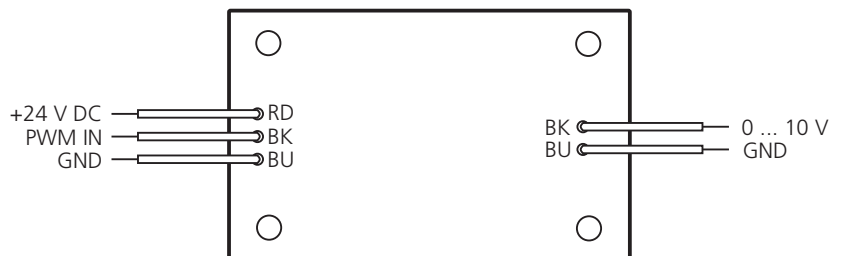
PWM-Frequenz: 122 Hz

Weitere Informationen: siehe Systemhandbuch Controller
 (www.ifm.com → Service → Download → Steuerungssysteme)



Welligkeit bei PWM-Wert 50%: ≤ 250 mV_{SS}
 Linearisierung durch Anwendersoftware.

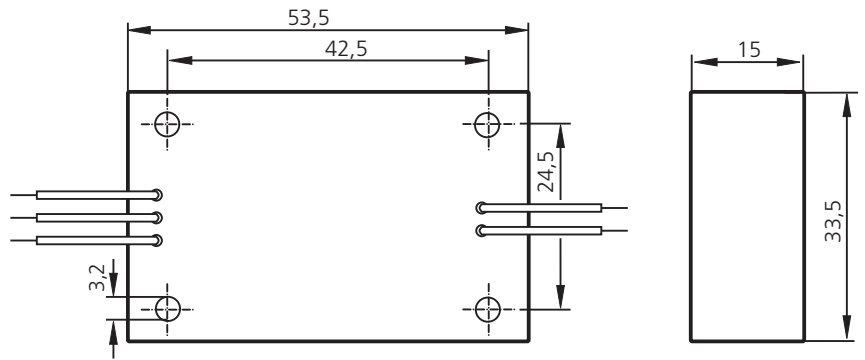
5 Anschlußblitzen (ca. 28 cm) mit Adernendhülse





CR3004

PWM / analog module



Application

conversion of an ecomat100 controller PWM signal into an analog voltage

Operating voltage

24 V DC

Current load

< 20 mA

Reverse polarity protection

yes

Input signal

24 V DC PWM signal

Output voltage

0...10 V DC

Structure

housing module

Housing material

glass-fibre reinforced polyamide

Ambient temperature

-40...85 °C

Electronics

-5...105 °C

Wires flexed

-30...105 °C

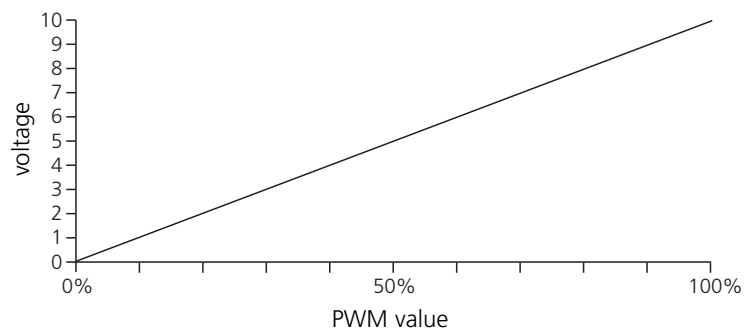
Wires at rest

Control parameters

PPWM frequency: 122 Hz

Additional information; see system manual of the controller
(www.ifm.com → Service → Download → Control systems)

Characteristics curve

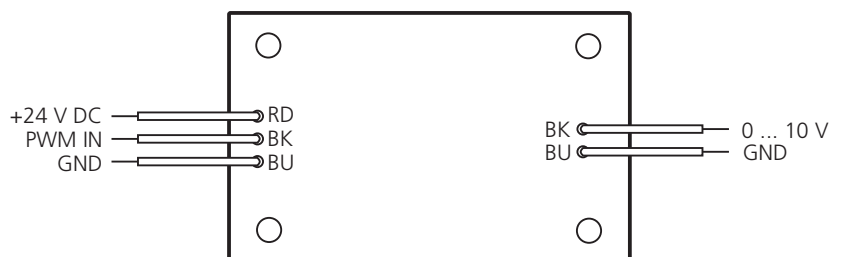


ripple for PWM value 50%: ≤ 250 mV_{SS}
linearisation by user software

Connection

5 pigtails (approx. 28 cm) with ferrule

Wiring

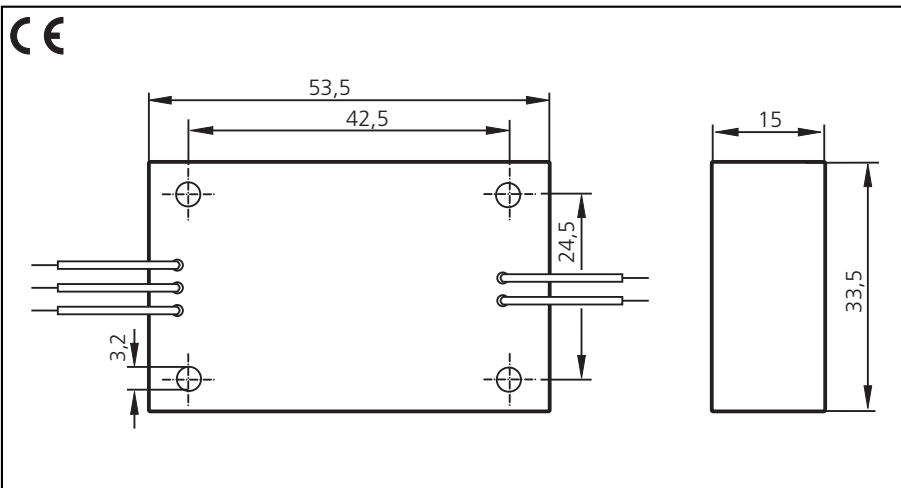


Core colours:
blue: BU
black: BK
red: RD



CR3004

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



Application

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

Tension d'alimentation

24 V DC

Courant de sortie

< 20 mA

Protégé: inv. de pol.

oui

Signal d'entrée

signal PWM 24 V DC

Tension de sortie

0...10 V DC

Structure

en boîtier

Matière du boîtier

polyamide renforcé par fibre de verre

Température ambiante

-40...85 °C

Electronique

-5...105 °C

Câbles en mouvement

-30...105 °C

Câbles au repos

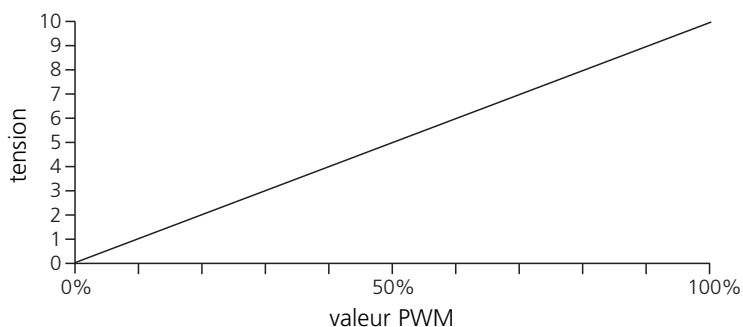
Paramètres de commande

Fréquence PWM: 122 Hz

Informations supplémentaires: voir manuel contrôleur

(www.ifm.com → Services → Download → Systèmes de contrôle-commande)

Courbe caractéristique

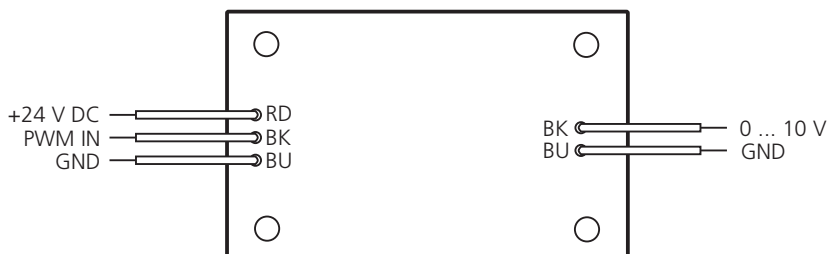


ondulation pour valeur PWM 50%: ≤ 250 mV_{SS}
linéarisation par logiciel utilisateur

Raccordement

5 fils (env. 28 cm) avec embouts

Schéma de branchement



Couleurs des fils conducteurs:

noir: BK
bleu: BU
rouge: RD