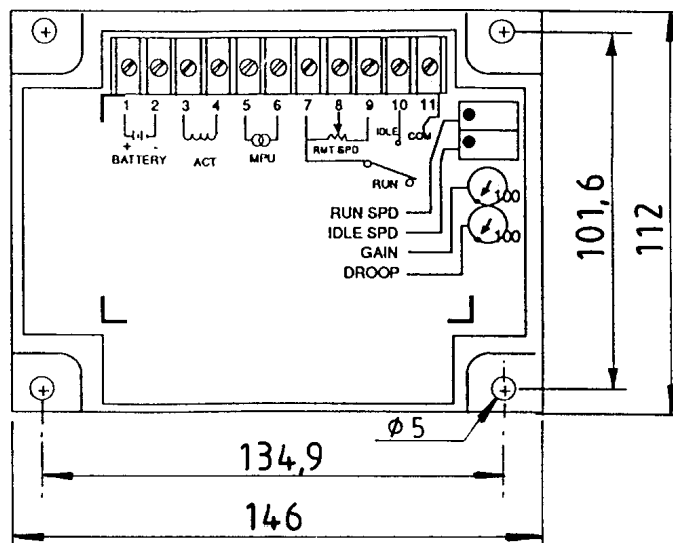
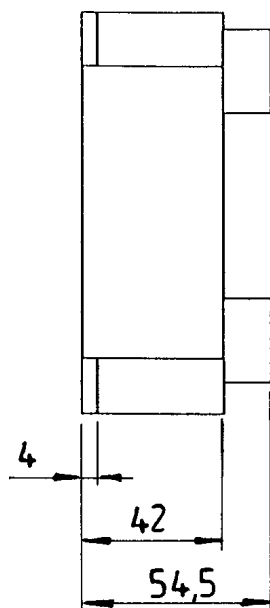


SPEED CONTROLLER FOR DIESEL ENGINES

PERKINS, BARBER COLMAN, APECS

Internal name + designation :

NAME + Article number



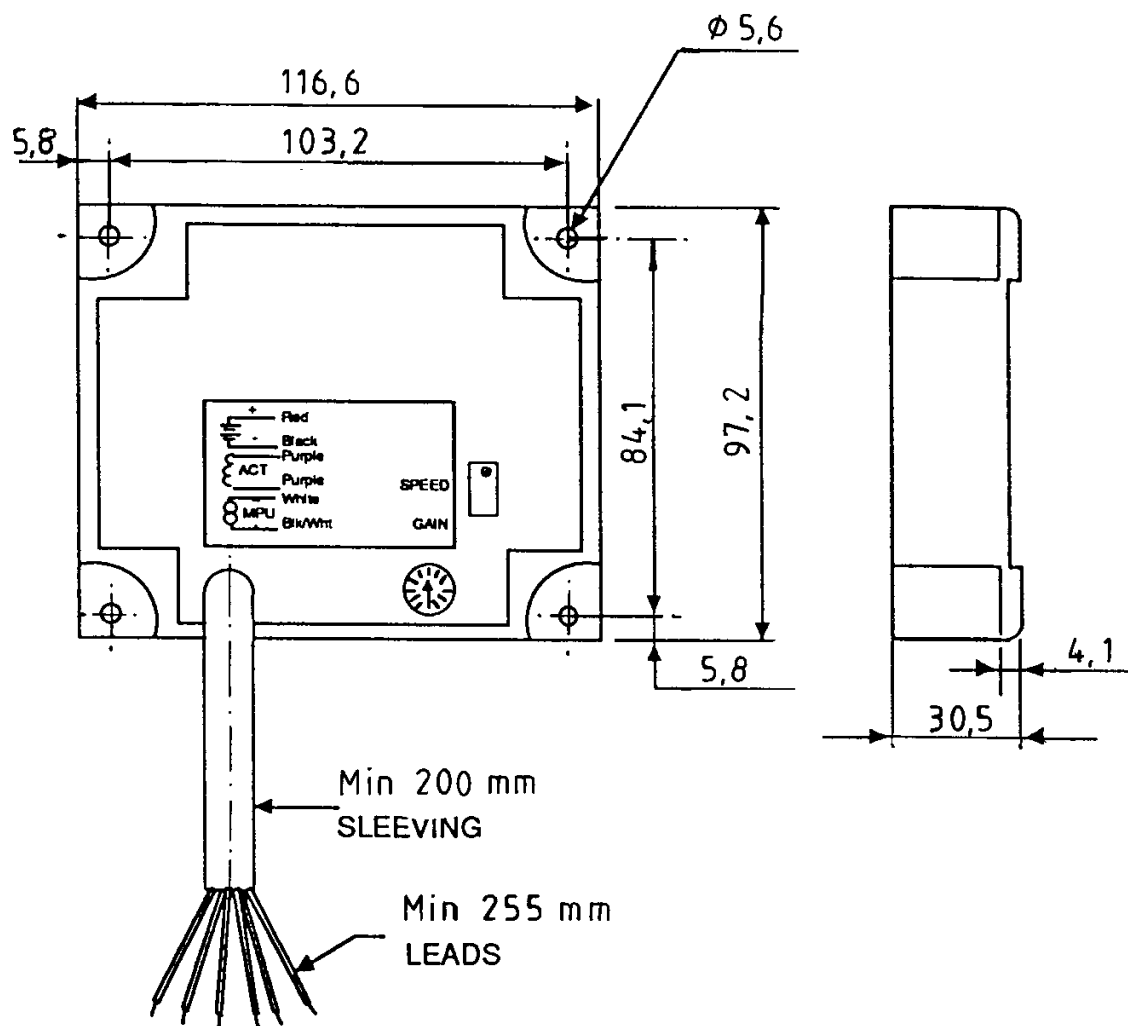
Technical data		Article number
Common data	Distinction data	

NAME : Controller

Type : DYN 1 - 10794 - 000 - 0 - 24

1089 9370 01

Supply voltage : 24 V, DC



Technical data		Article number
Common data	Distinction data	

NAME : Controller

PERKINS, 2868 A 011,
Supply voltage : 24 V, DC
Input : 2500 - 5000 Hz

1089 9370 02

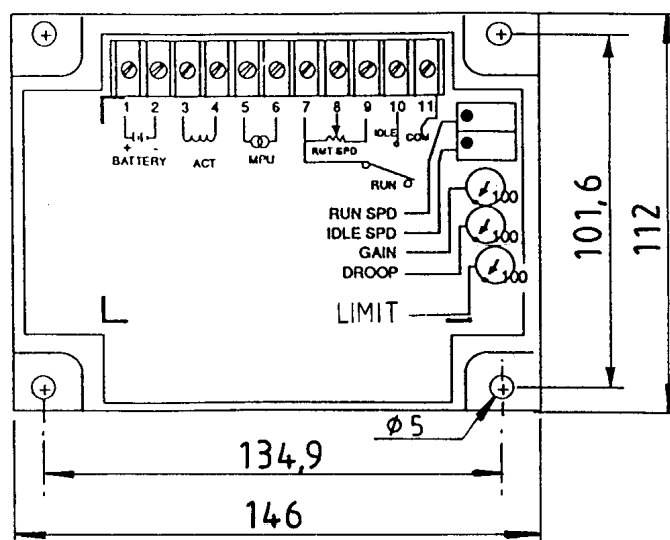
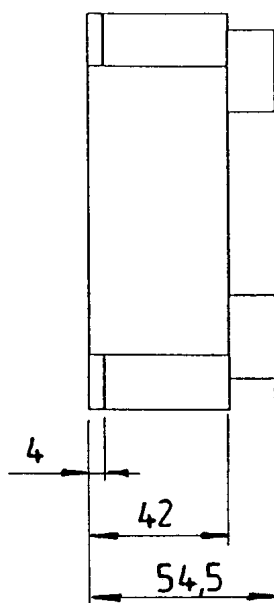
(Old Perkins ref. : 2868 A 005)

BARBER COLMAN, ref. DYN 1-10704-000-0-12,
Supply voltage : 12 V, DC
Input : 2500 - 5000 Hz

1089 9370 06

BARBER COLMAN, ref. DYN 1M-10724-000-0-12,
Supply voltage : 12 V, DC
Input : 2500 - 5000 Hz

1089 9370 08



Technical data		Article number
Common data	Distinction data	

NAME : Controller

Type : PERKINS, 2868 A 007

1089 9370 03

Supply voltage : 24 V, DC

Type : PERKINS (Woodward / Barber Colman),

1089 9370 05

Supply voltage : 12 V, DC

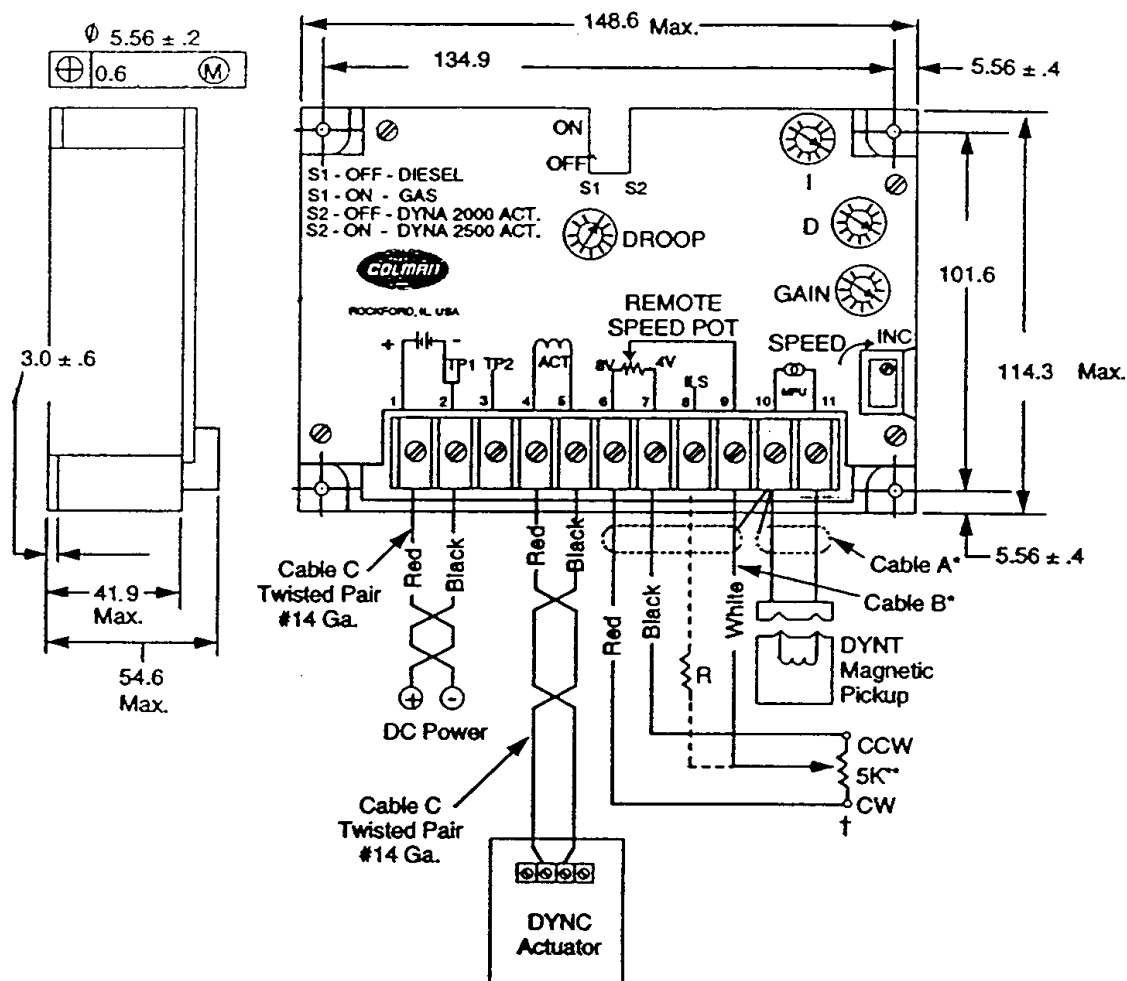
Input: 2500 – 5000 Hz

Ref: DYN-1-10749-002-0-12

CE marked

Internal name + designation :

NAME + Article number



Technical data		Article number
Common data	Distinction data	

NAME : Controller

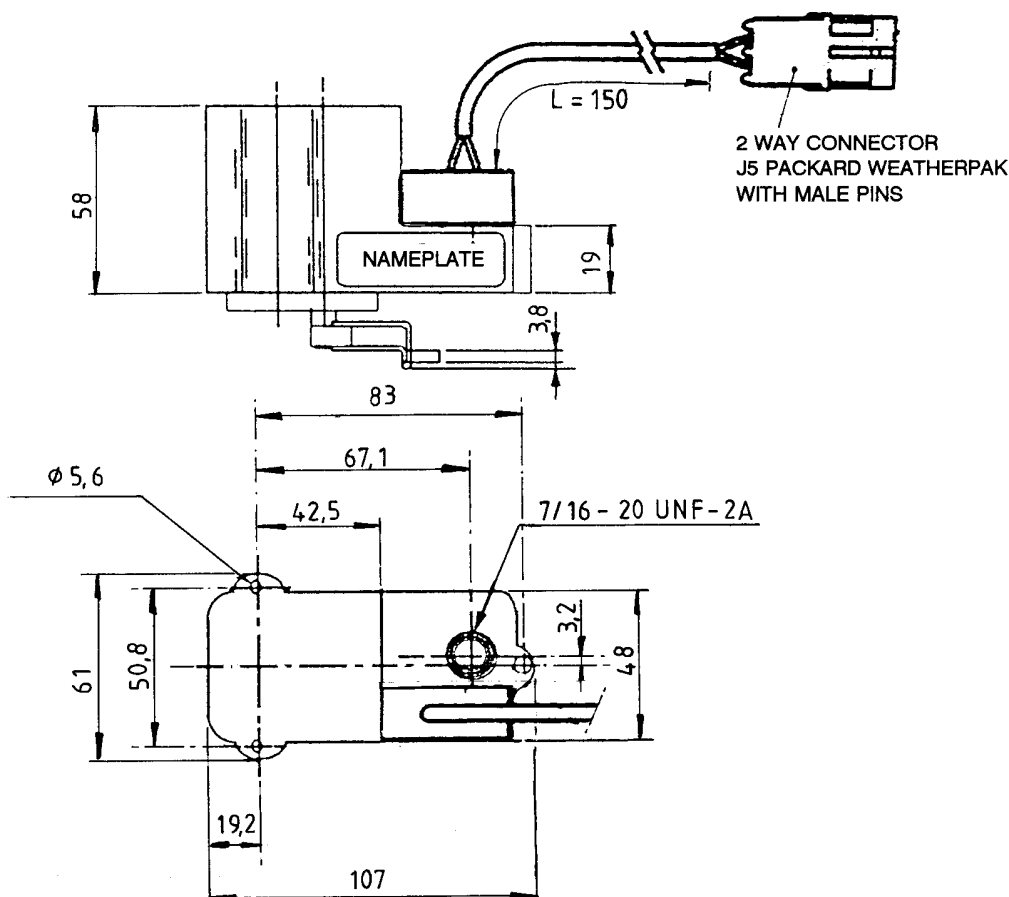
BARBER COLMAN, type :

DYN 1-10754-000-0-12

Supply voltage : 12 V, DC

Input : 2500-5000 Hz

1089 9370 07



Technical data		Article number
Common data	Distinction data	

NAME : Actuator

Type : PERKINS, 2868 A 003
Supply voltage : 24 V, DC
Including : installation kit ZZ00424

1089 9370 11

Type : PERKINS, 2868 A 002
Supply voltage : 12 V, DC
Including : installation kit ZZ00424
(B.C. ref. DYN C 70025 - 200 - 0 - 12)

1089 9370 12

Technical data		Article number
Common data	Distinction data	

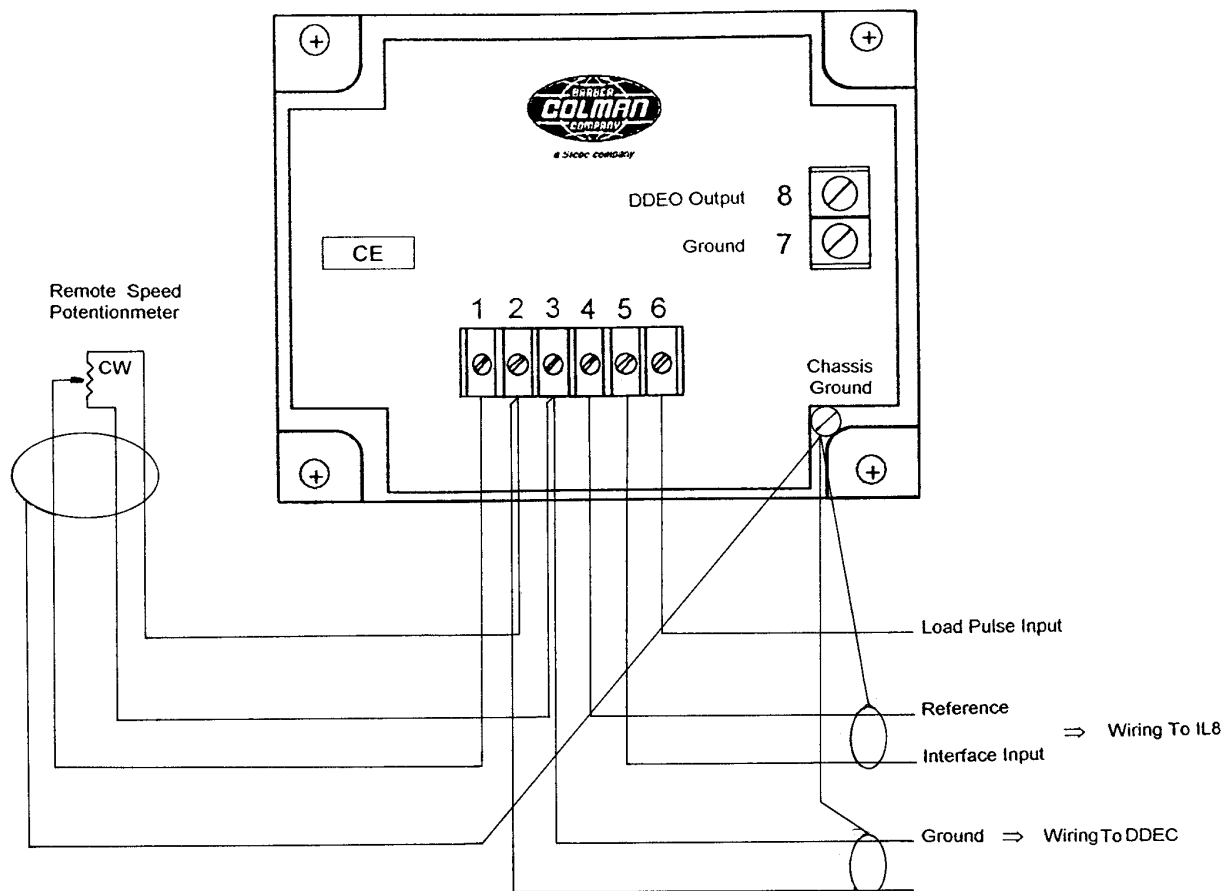
NAME : Sensor

Type : IR 8933/2
Voltage : from 0,8 V to 60 V
M16 x 1,5 (length = 102 mm)

1089 9370 21

Type : DYNT - 17150
Voltage : min 2,5 V, AC RMS
Thread 3/8 - 24 UNF - 2A
Immersion depth : 42 mm
Flying lead
L = ± 100 mm
With locking nut

1089 9370 22



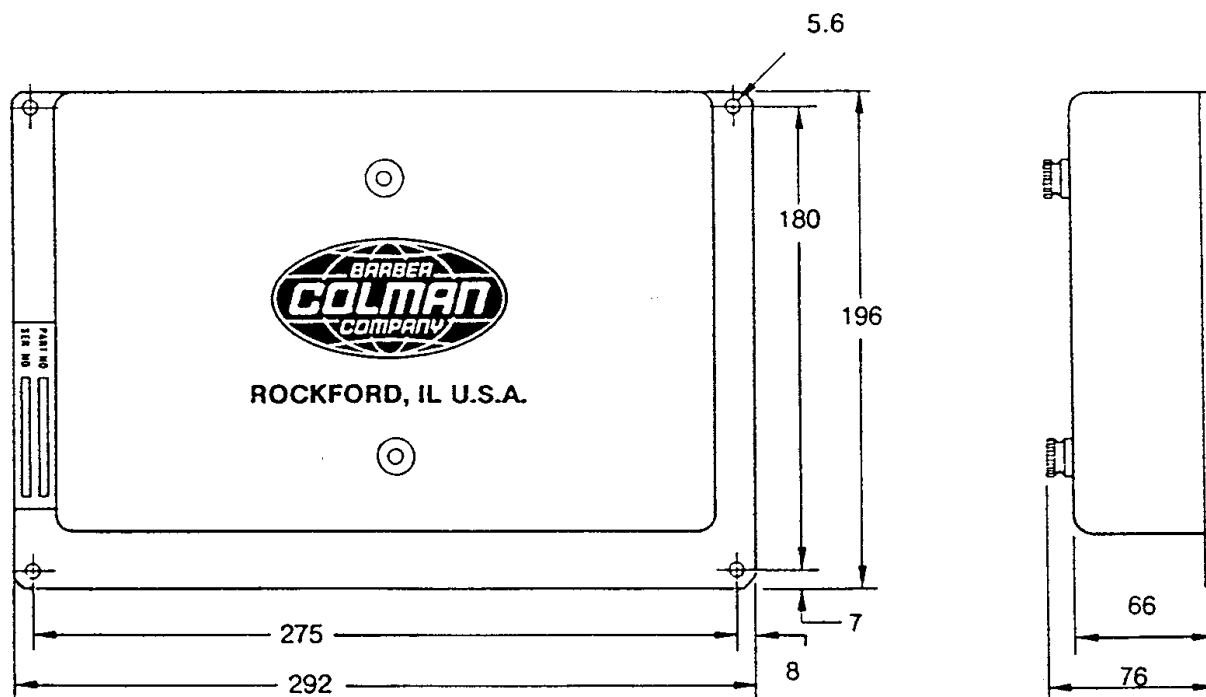
Technical data		Article number
Common data	Distinction data	

NAME : Interface mod.
for Detroit Diesel DDEC III

Type: BARBER COLMAN, DYN2-96003

1089 9370 31

CE approved



Technical data		Article number
Common data	Distinction data	

NAME : Module

Digital isochronous load sharing
module

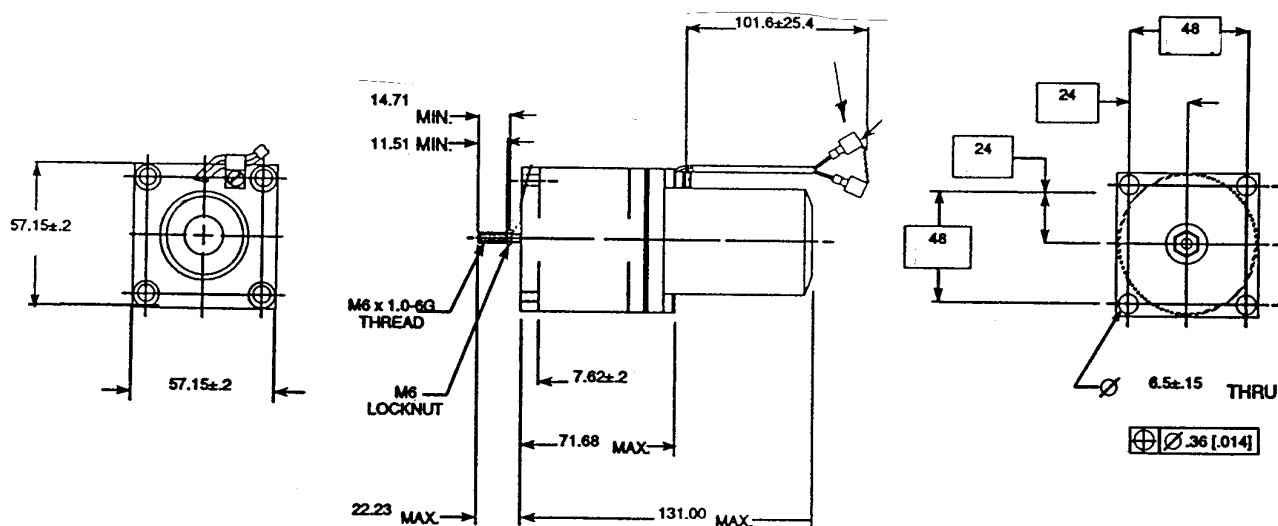
See Technical Manual F 22396-1A

BARBER COLMAN, DYN 2 - 80109

240-480 V, AC 50/60 Hz

1089 9370 32

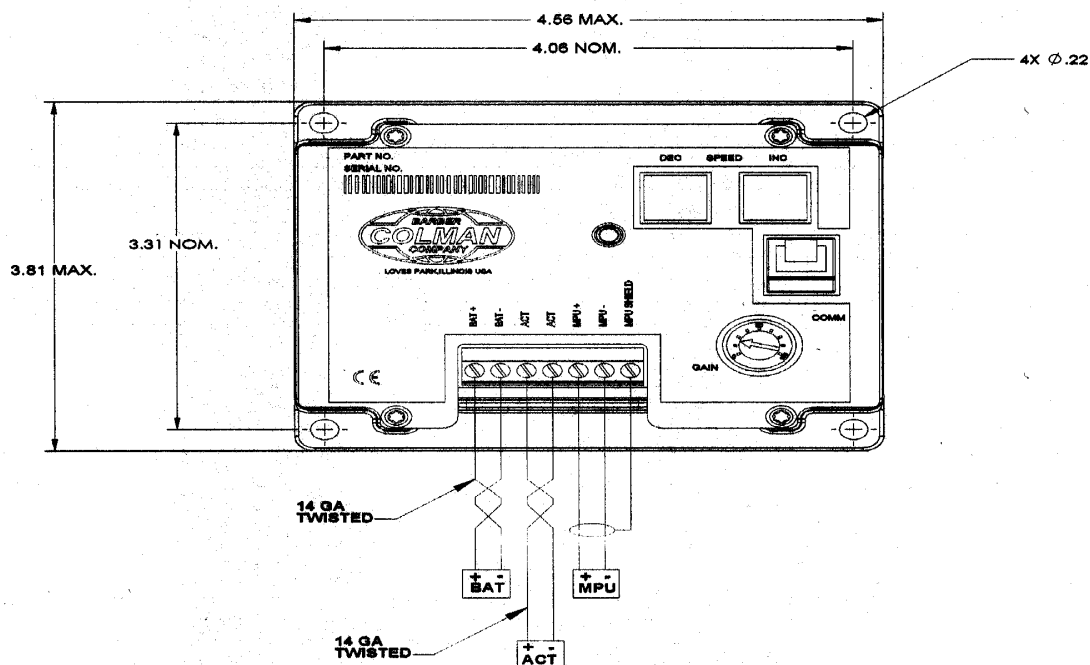
CE approval



Technical data		Article number
Common data	Distinction data	
NAME : Actuator	<u>BARBER COLMAN, type :</u> <u>DYNC-10202-000-0-12</u> 12 V, DC, nom. steady state 2,5 A max. stall 5,4 A	1089 9370 41
NAME : Module	<u>BARBER COLMAN, type :</u> <u>DYN 2-94026</u>	1089 9370 33
NAME : Display	<u>BARBER COLMAN, type :</u> <u>DYNK-55100</u>	1089 9370 34

Internal name + designation :

Controller+ Article number



Technical data		Article number
Common data	Distinction data	

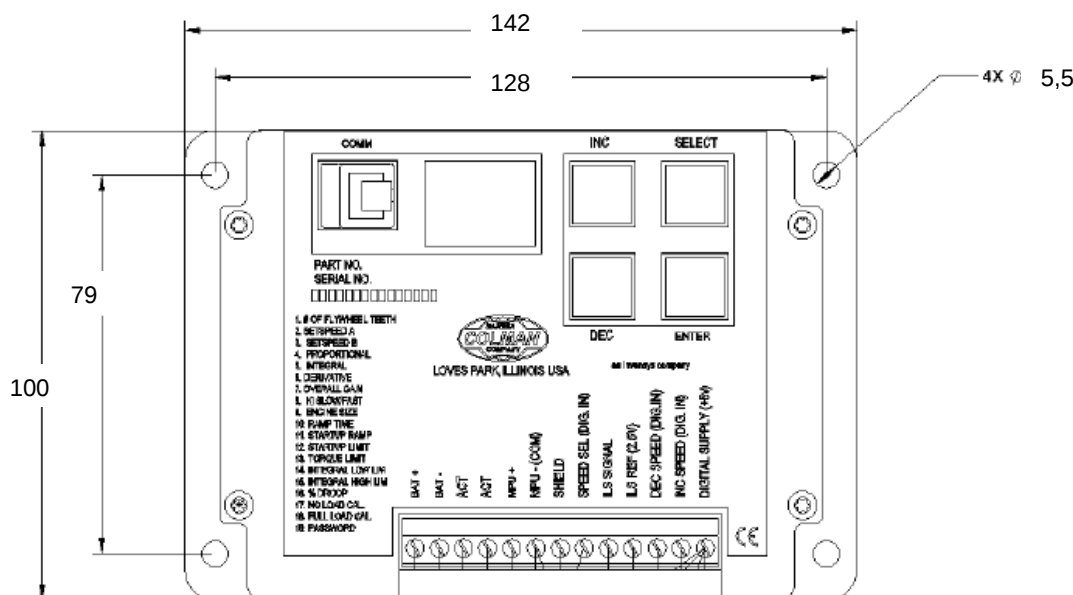
Controller

Type: DPG2101-001
Barber Colman
Supply voltage: 24 VDC

1089 9370 51

Internal name + designation :

Controller+ Article number



Technical data		Article number
Common data	Distinction data	

Controller

Type: DPG2201-001

1089 9370 52

Barber Colman

Input signal:

Supply voltage: - 9 -30 VDC

0 – 1000 Hz startup

1000 – 11000 Hz normal operation

Ambient operating temperature:

-40 °C to +82 °C

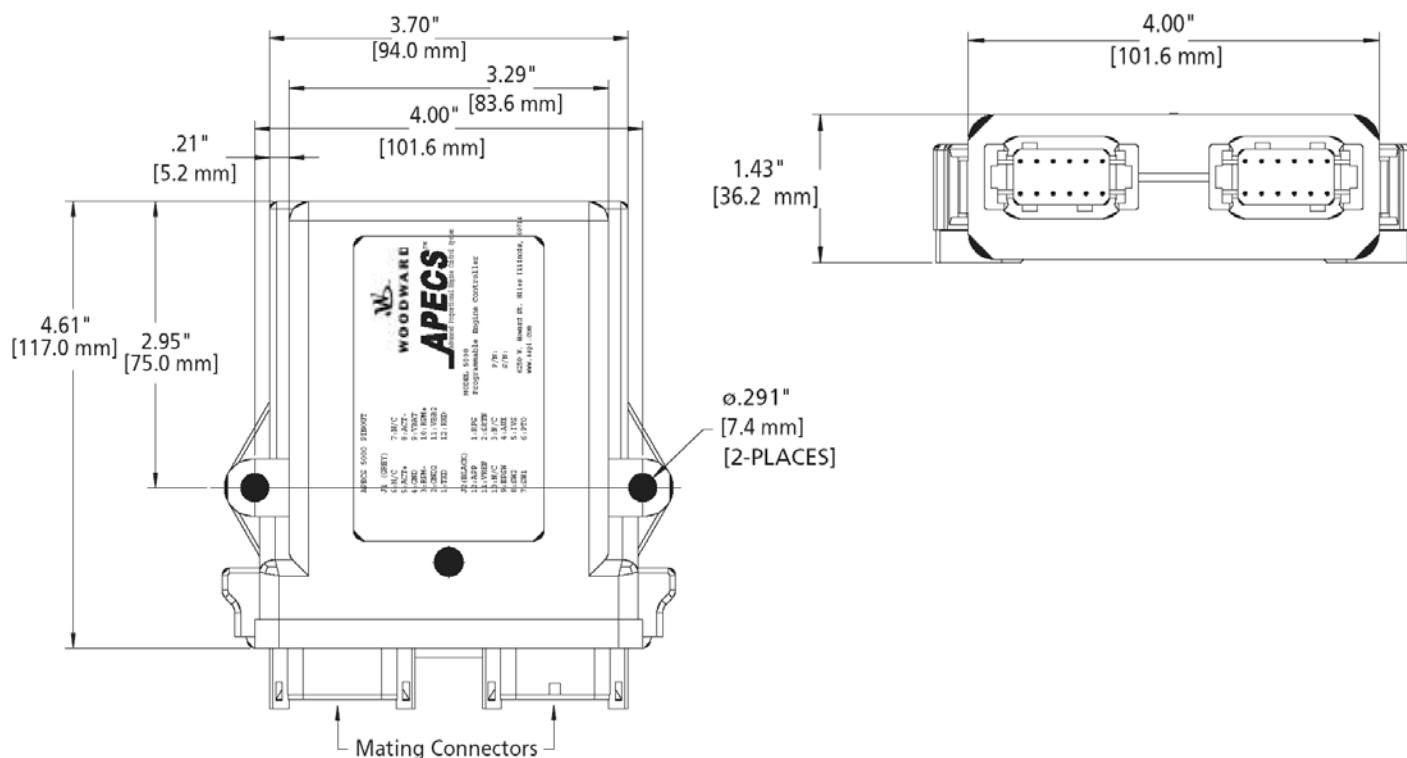
max output current : 7 A

input signal voltage max pickup

2,0 VAC RMS min. during cranking

Internal name + designation :

Controller+ Article number



Technical data		Article number
Common data	Distinction data	

Controller

Perkins customer kit number: ZZ7H014

Type: APECS 4500

Code: SA4489

Supply voltage: 9 – 32 VDC

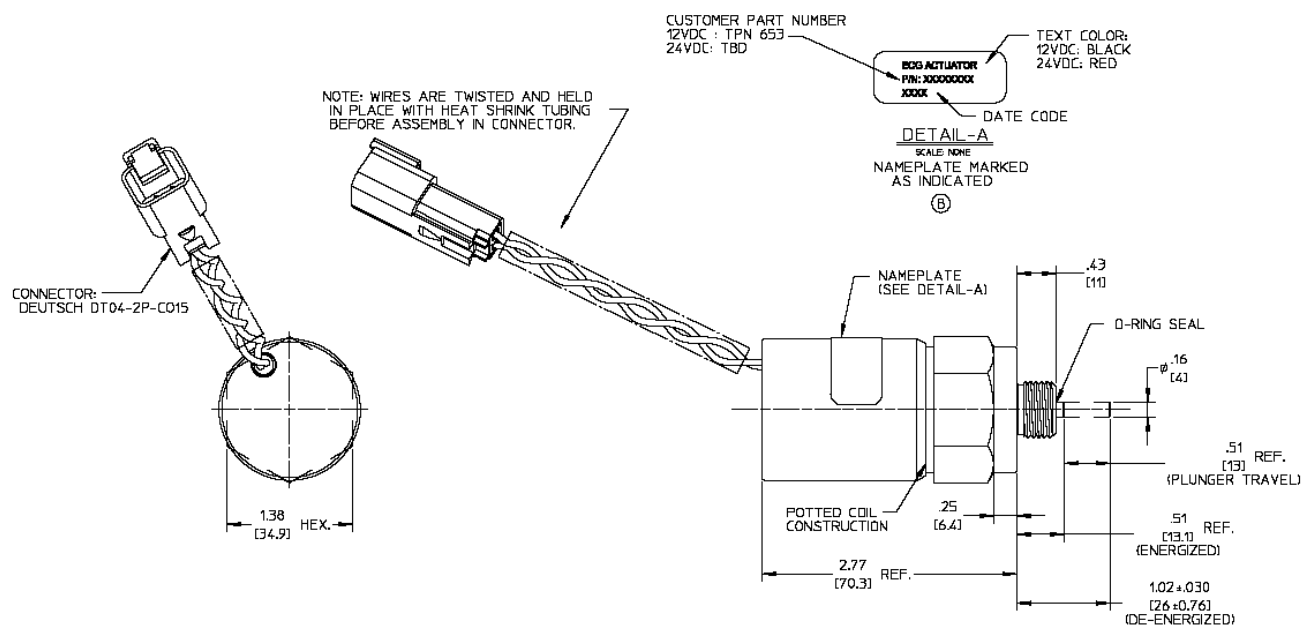
Operating temp. –40°C to 85°C

Weight: 0,27kg

1089 9370 60

Internal name + designation :

Actuator + Article number



Technical data		Article number
Common data	Distinction data	

NAME : Actuator

Perkins customer kit number: ZZ7H015

PERKINS, : SA-5155-12

Rated voltage: 12 V, DC ±25%,

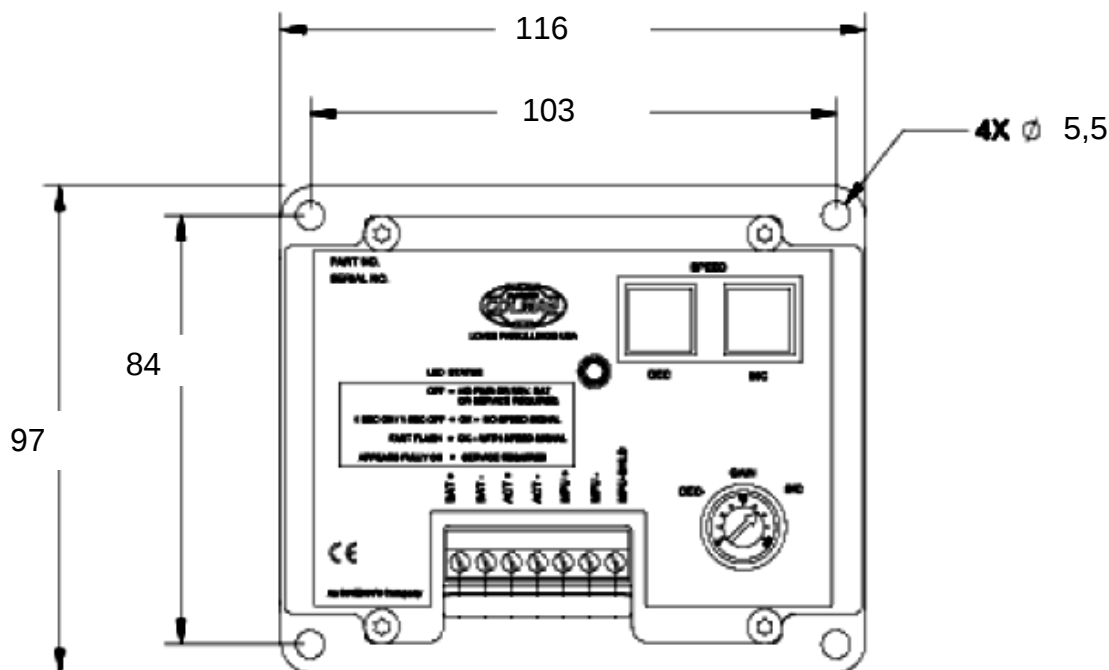
Rated current: 3 A

Temp range: -40°C to 121°C

1089 9370 61

Internal name + designation :

Controller + Article number



Technical data		Article number
Common data	Distinction data	

Controller

Type: DPG2104

1089 9370 09

Barber Colman

Input signal:

Supply voltage: 9 - 30 VDC

0 – 1000 Hz startup

1000 – 11000 Hz normal operation

Ambient operating temperature:

-40 °C to +85 °C

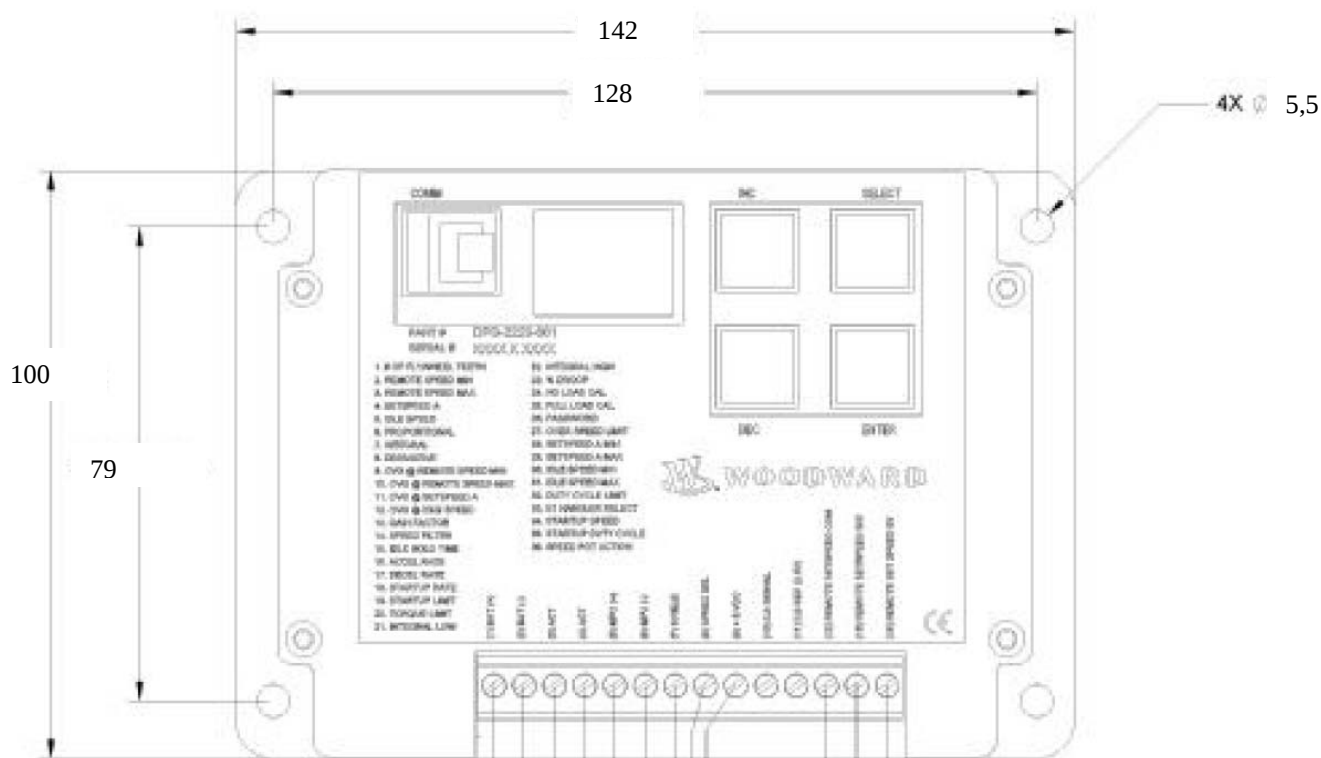
max output current : 7 A

input signal voltage max pickup

2,5 VAC RMS min. during cranking

Internal name + designation :

Controller + Article number



Technical data		Article number
Common data	Distinction data	

Controller

Type: DPG2223-001

1089 9370 53

Barber Colman

Input signal:

0 – 1000 Hz startup

1000 – 11000 Hz normal operation

Supply voltage: - 9 -30 VDC

Ambient operating temperature:

-40 °C to +85 °C

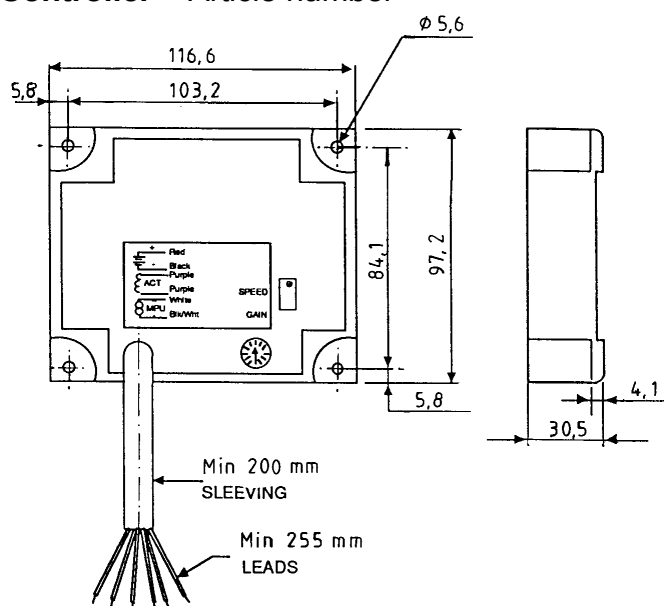
max output current : 7 A

input signal voltage max pickup

2,0 VAC RMS min. during cranking

Internal name + designation :

Controller + Article number



OBSOLETE
SHALL NOT BE USED
IN NEW DESIGN

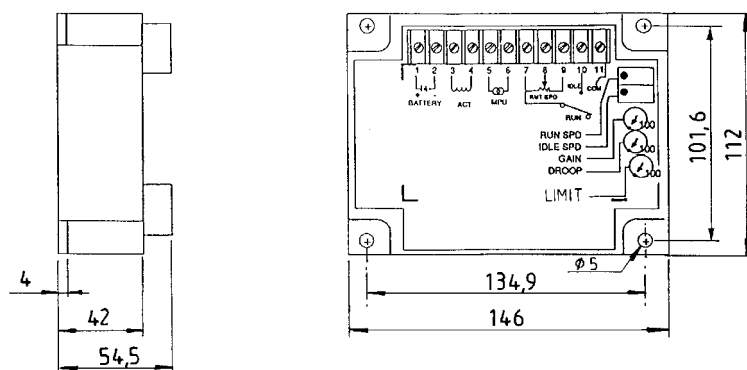
Technical data		Article number
Common data	Distinction data	

NAME : Controller

PERKINS, 2868 A 009,
Supply voltage : 12 V, DC
Input : 2500 - 5000 Hz

1089 9370 04
replaced by
1089 9370 09

(Barber Colman, ref. DYN 1-10784-001-2-12)



OBSOLETE
SHALL NOT BE USED
IN NEW DESIGN

Technical data		Article number
Common data	Distinction data	

NAME : Controller

Type : PERKINS (Woodward / Barber Colman),
Supply voltage : 12 V, DC
Input: 2500 – 5000 Hz
Ref: DYN-1-10794-002-0-12
CE marked

1089 9370 05
replaced by
1089 9372 52