

RC02 testing bench - setup and connection for E-BM-AC

1 INSTALLATION TOOLS

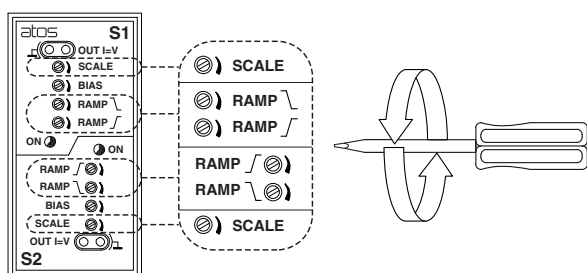
CODE	DESCRIPTION	NOTE
ESP-RC02-P	Programmable DC Power Supply - RIGOL DP832	
ESP-RC02-M	RC02-M - Main Test Bench	
ESP-RC02-I2	RC02-I2 - Interface 2 Test Bench	For RC02 testing bench series 10
ESP-RC02-I3	RC02-I3 - Interface 3 Test Bench	For RC02 testing bench series 20
ESP-RC02-C-POWER-RB	24VDC power supply cables	4 single cables (2 red and 2 black cables)
ESP-RC02-C-COILS-I2-01	Coils connection cable	Single cable
ESP-RC02-C-I2-X-02	Monitor connection cable	Single cable
ESP-RC02-C-I2-X-03	Monitor connection cable	Single cable (only for 011F and 05F execution)
ESP-RC02-C-PE-02	PE cable	Single cable



WARNING! The RC02-M must be switched off before to connect or disconnect the interface test bench RC02-I*

2 SETUP

Attention: to start the testing procedure proceed with the settings below:



RAMPS:

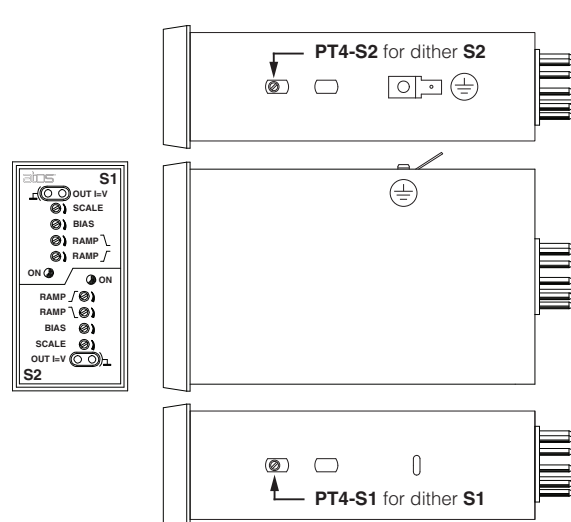
for **01F** execution:
rotate the **S1** screws in CCW until zero position
for **011F** and **05F** executions:
rotate the **S1** and **S2** screws in CCW until zero position

SCALES:

for **01F** execution:
rotate the **S1** screws in CCW until zero position
for **011F** and **05F** executions:
rotate the **S1** and **S2** screws in CCW until zero position

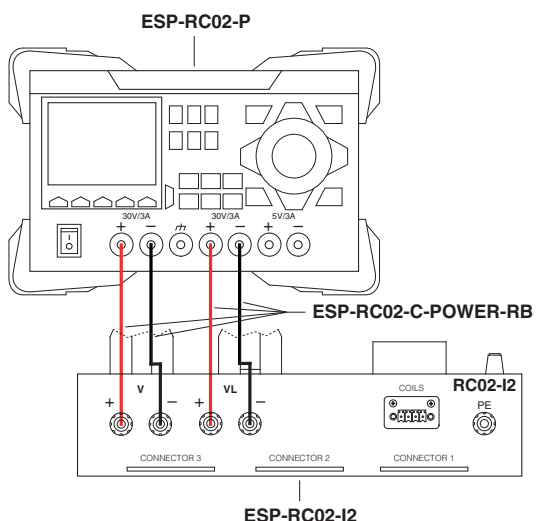
3 DITHER ADJUSTMENT

In the below figure are shown the trimmer position for dither adjustment:

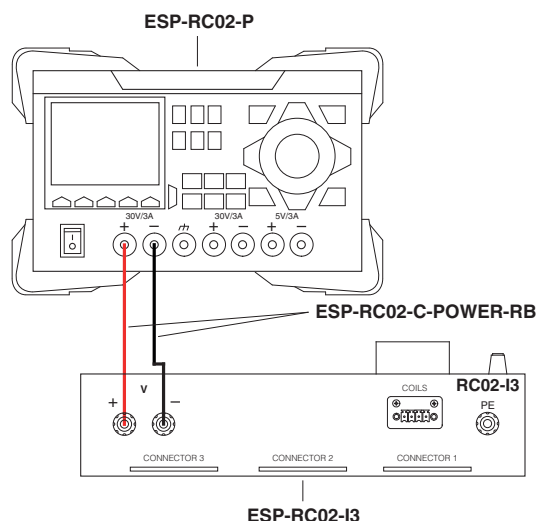


4 RC02-I* TEST BENCH POWER SUPPLY CONNECTION

RC02 testing bench - series 10

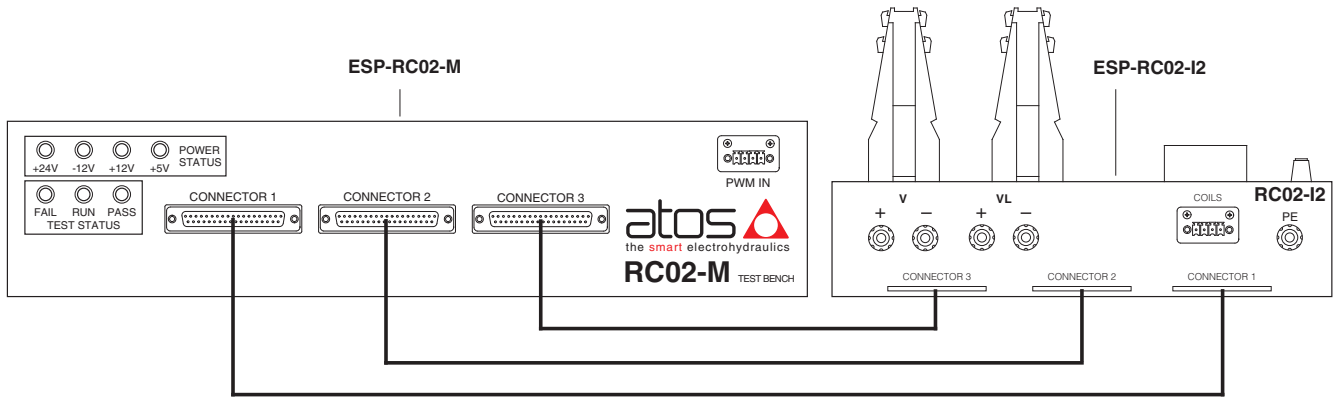


RC02 testing bench - series 20 or higher

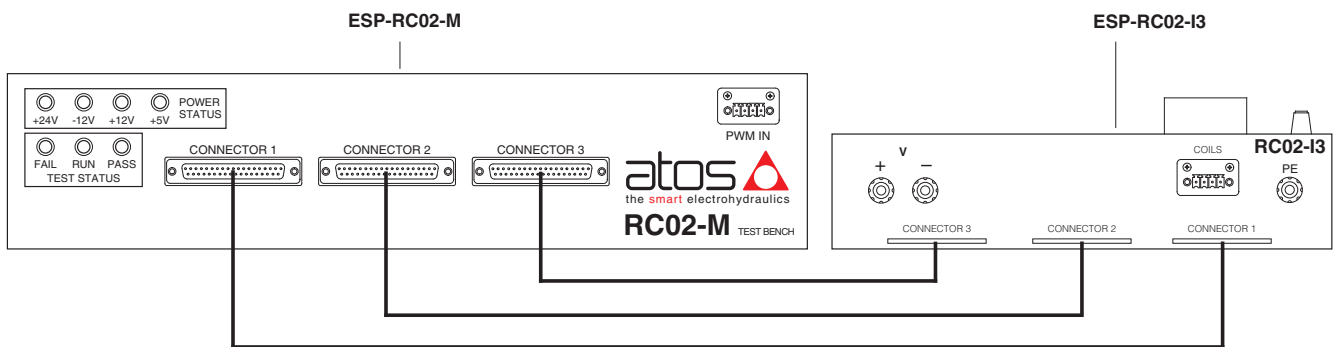


5 RC02-M AND RC02-I* TEST BENCHES CONNECTION

RC02 testing bench - series 10

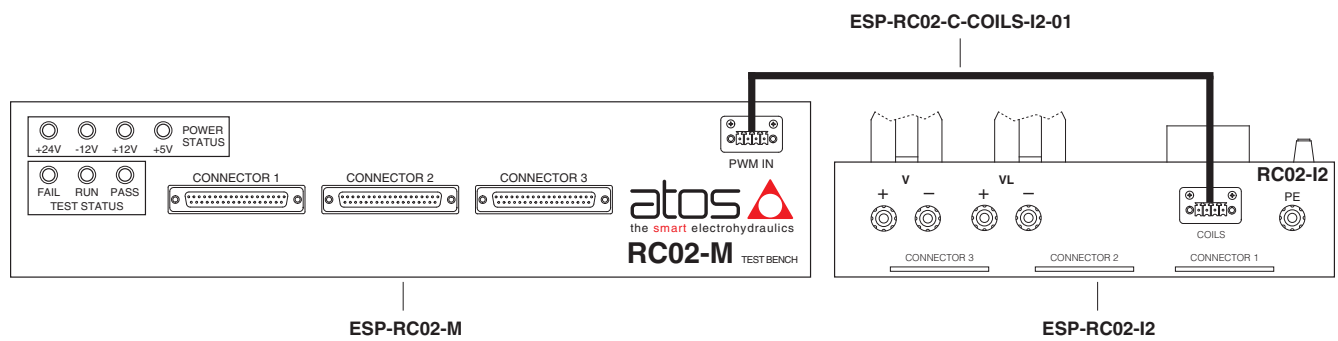


RC02 testing bench - series 20 or higher

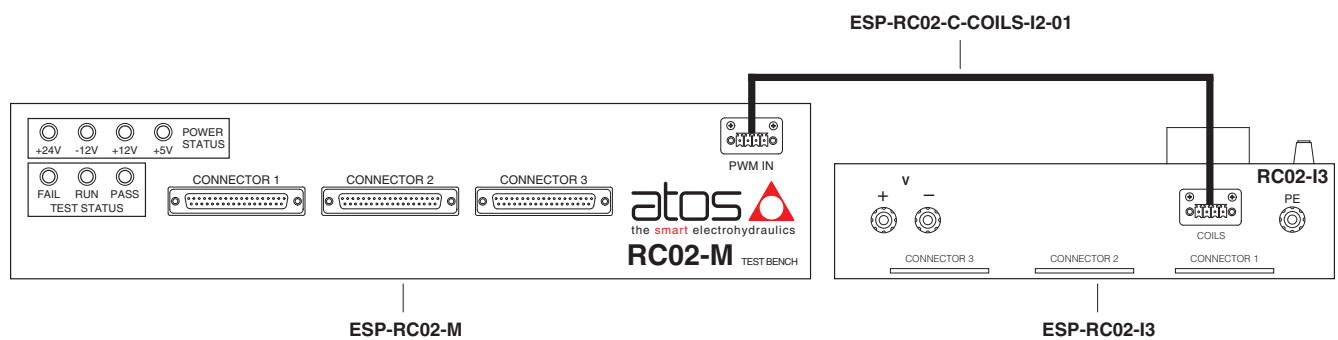


6 COILS CONNECTION

RC02 testing bench - series 10

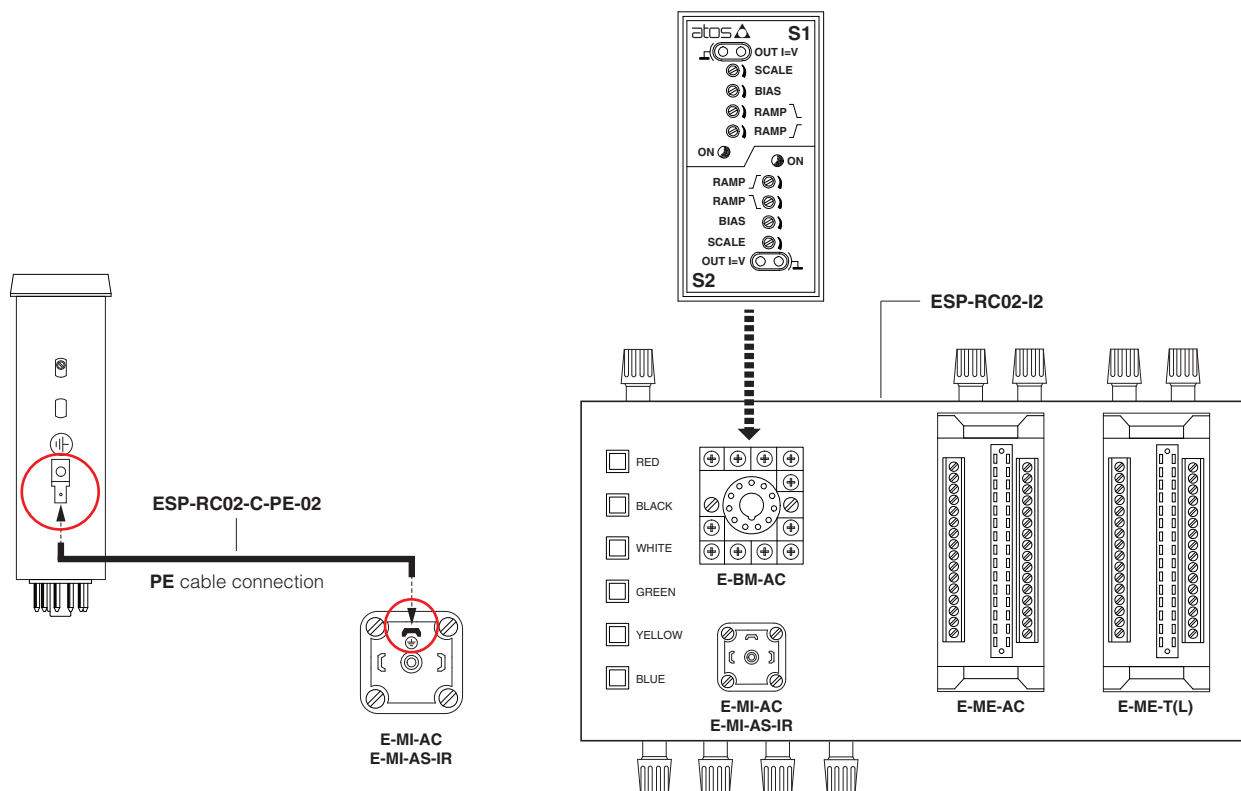


RC02 testing bench - series 20 or higher

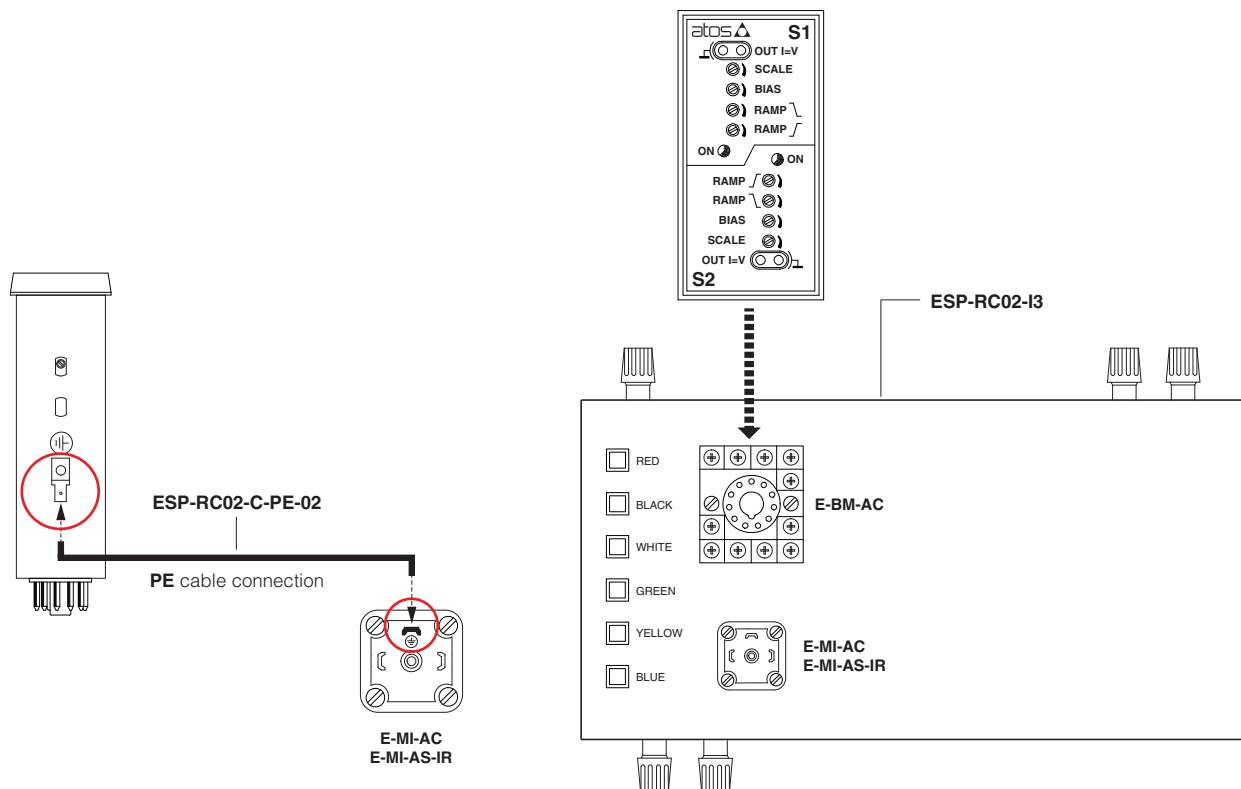


7 MAIN CONNECTIONS

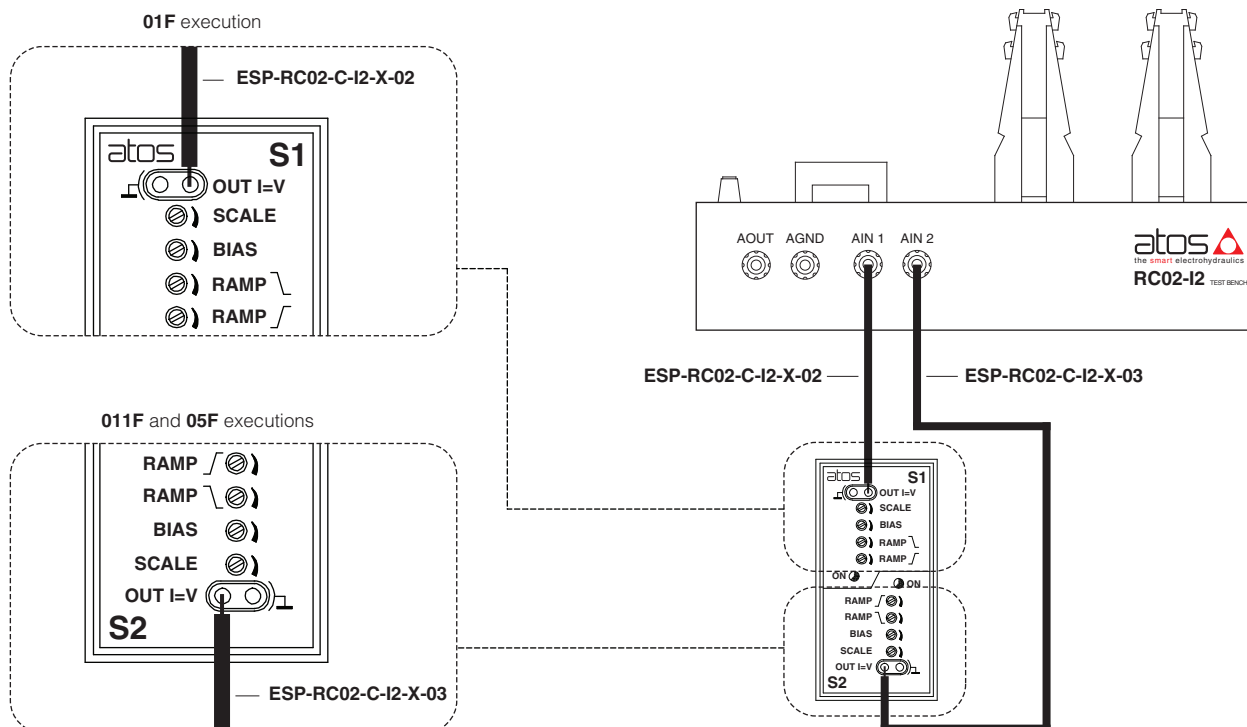
RC02 testing bench - series 10



RC02 testing bench - series 20 or higher



RC02 testing bench - series 10



RC02 testing bench - series 20 or higher

