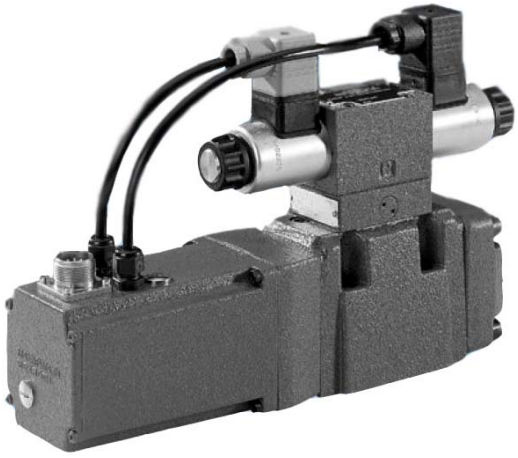
ГИДРООТВЕТ
доступная гидравлика

Integrated Proportional Amplifier

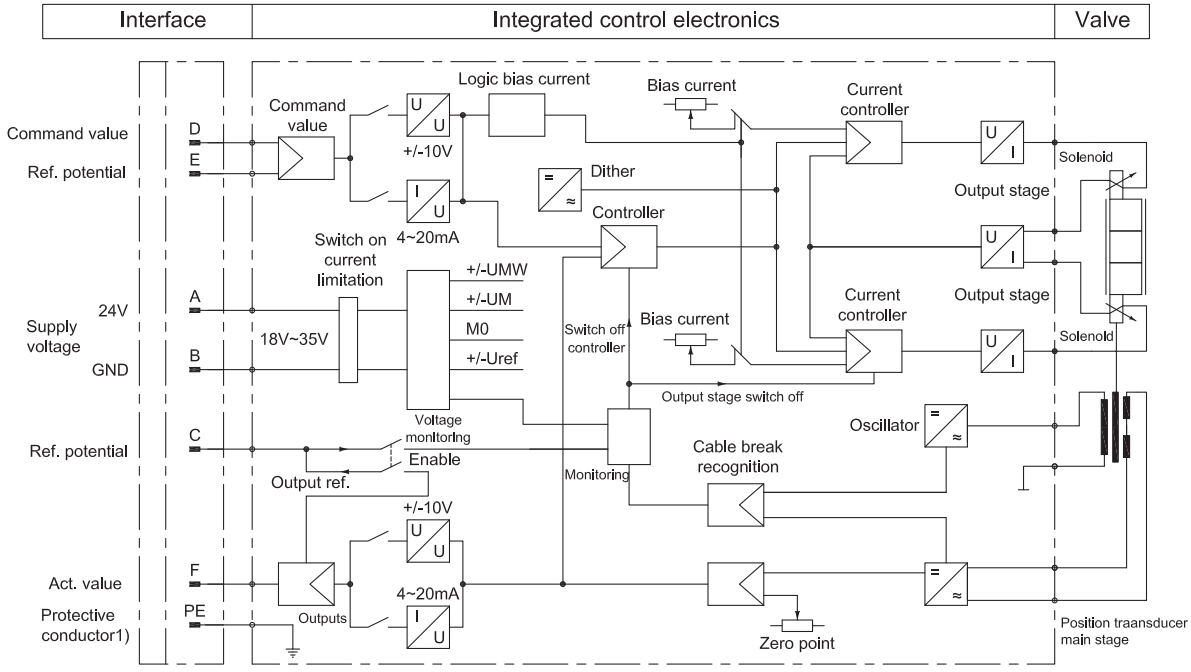
RT-4WRKE-3X

Series: 3X

for valves type 4WRKE-3X



Block circuit diagram



1) PE is connected to the cooling body and the valve housing

Note: Electrical signals (e.g. actual value or feedback signals) taken via valve electronics must not not switch off the machine safety functions!

(This is in accordance with the regulations of the European standard „Safety requirement of fluid technology systems and components – hydraulics“, EN 982!)

Ordering code

RT-4WRKE _ -3X / _ - 30 - CN

***Rebo*Tech**

for valves (type 4WRKE10) = 10
for valves (type 4WRKE16) = 16
for valves (type 4WRKE25) = 25
for valves (type 4WRKE32) = 32
for valves (type 4WRKE35) = 35

20 to 29: (unchanged installation and connection dimensions) = 3X

A1 = command value input ± 10 V
F1 = command value input 4 to 20 mA

30 = Design number

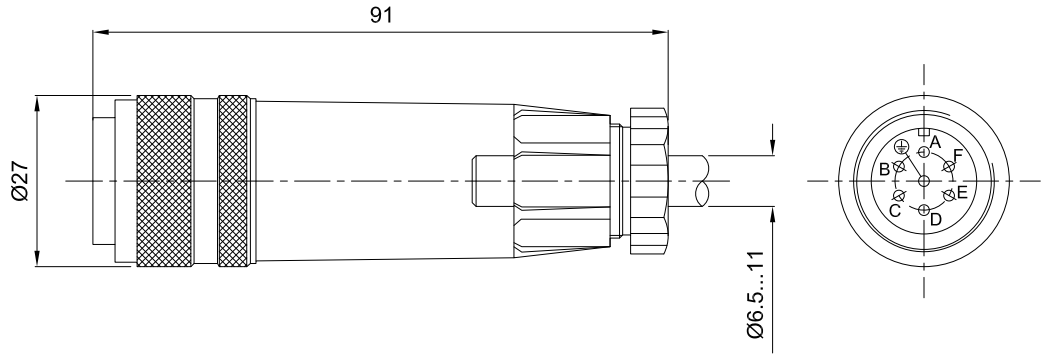
Further details in clear text
CN = Made in China

Technical data (For applications beyond these parameters, please consult us!)

Operating voltage		U_B	24 VDC + 40 % - 20 %
—Upper limit value		$U_B(t)_{max}$	35 V
—Lower limit value		$U_B(t)_{min}$	19 V
Power consumption		P_s	<72 VA
Current consumption		I	< 2 A
Command value	A1	U_e	± 10 V，R_e > 50kΩ
	F1	I_e	4 to 20mA，R_e < 200Ω
Maximum output current		I_{max}	2.5 A ； $R_{(20)}$ = 2 Ω
Ramp time		t	0 ~ 5s
Type of connection			Socket;DIN 43650-AM2 Plug;E DIN 43563-BF6-3/PG11(should be ordered separately)
Permissible operating temperature range			- 20 ~ 80 ℃
Storage temperature range			- 25 ~ 85 ℃
Protection class			IP65 ； DIN 40050
Weight		m	0.14 kg

Plug wiring diagram

Plug-in connector to DIN EN 175 201-804(See below)。



Plug wiring diagram

	Contact	Signal
Supply voltage	A	24 VDC (19 to 35VDC)
	B	GND
Ref. (actual value)	C	Ref. potential for actual value (contact F)
Differential amplifier input	D	10 V or 4 – 20 mA
(command value)	E	0 V ref. potentional
Measurement output (act. value)	F	±10V / 4-20mA
	PE	Connected with cooling body and valve housing

Command value: Reference potential at E and a positive command value at D results in a flow from P to A and B to T

Reference potential at E and a negative command value at D results in a flow from P to B and A to T

Connection cable: Recommendation: – Up to 25 m cable length type LiYCY 5 x 0.75 mm^2

– Up to 50 m cable length type LiYCY 5 x 1.0 mm^2

External diameter: – 6.5 to 11 mm (plastic plug-in connection)

Only attach the shield to PE on the supply side.