

RCCS 3x

Coriolis flödesmätare från Yokogawa i separerat utförande

RCCS Coriolis flödesmätare klara att mäta de flesta fluider så som vätska, slurry, flerfas flöden samt gaser från 0,1 kg till 600 ton/timme.

Enkel

- Inga krav på raksträckor
- Okänslig för rörvibrationer
- Helt dränerbar
- 2 analoga samt 2 digitala utsignaler som standard
- Klarar temperaturer från – 200 till + 350 °C
- Ex klassad för zon 1
- Kan levereras med 3-A certifikat

Ekonomisk

- Enkelt montage därmed låg installationskostnad
- Lågt kvarstående tryckfall
- Mediaberörda delar i 316 L eller Hastelloy C

Noggrannhet

- Onoggrannheten är 0.1 % av aktuellt flöde på vätska och 0.5 % vid gas
- Densiteten kan mätas med en noggrannhet på +/- 0,0005 g/cm³
- SIP-testad



OmniProcess AB

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Remote detector RCCS3, Model- and Suffix- Code :

Model	Suffix Code	Description	Restrictions
RCCS30 RCCS31 RCCS32 RCCS33 RCCS34 RCCS36 RCCS38 RCCS39 RCCS39/IR RCCS39/XR		Nominal Value : 0.045 t/h = 0.75 kg/min Nominal Value : 0.17 t/h = 2.8 kg/min Nominal Value : 0.37 t/h = 6.2 kg/min Nominal Value : 0.9 t/h = 15 kg/min Nominal Value : 2.7 t/h = 45 kg/min Nominal Value : 10 t/h = 170 kg/min Nominal Value : 32 t/h = 533 kg/min Nominal Value : 100 t/h = 1670 kg/min Nominal Value : 250 t/h = 4170 kg/min Nominal Value : 500 t/h = 8340 kg/min	select affiliated RCCF31 or RCCR31 with /HP
Cable conduit connection	-M -A	M20 x 1, female thread with cable glands ANSI ½" NPT, female thread only with cable gland for detector connection	mandatory with /FS1
Process connection size ¹⁾	41 01 23 02 04 05 06 08 10 12 15 20	¼" DN 15, ½" ¾" DN 25, 1" DN 40, 1½" DN 50, 2" DN 65, 2½" DN 80, 3" DN 100, 4" DN 125, 5" DN 150, 6" DN 200, 8"	see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11
Process connection rating and style ¹⁾	A1 A2 A3 A4 A5 D2 D4 D5 D6 J1 J2 S2 S4 S8 G9 T9	ASME flange class 150, process connection dim. + facing acc. ASME B16.5 ASME flange class 300, process connection dim. + facing acc. ASME B16.5 ASME flange class 600, process connection dim. + facing acc. ASME B16.5 ASME flange class 900, process connection dim. + facing acc. ASME B16.5 ASME flange class 1500, process connection dim. + facing acc. ASME B16.5 EN flange PN 16, process connection dim. + facing acc. EN 1092-1 Form B2 EN flange PN 40, process connection dim. + facing acc. EN 1092-1 Form B2 EN flange PN 63, process connection dim. + facing acc. EN 1092-1 Form B2 EN flange PN 100, process connection dim. + facing acc. EN 1092-1 Form B2 JIS flange 10K, JIS B 2220 JIS flange 20K, JIS B 2220 Thread acc. DIN 11851 Clamp, process connection dimensions acc. DIN 32676 Clamp, process connection dim. acc. Tri-Clover (Tri-Clamp) and ½" Mini Clamp G, female thread NPT, female thread	see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11 see table 11
Material of wetted parts ¹⁾	SH SL HC	316L (1.4404) and Hastelloy C-22 (2.4602) for tube Stainless steel 316L (1.4404) Hastelloy C-22 (2.4602)	only RCCS30 to 33 only RCCS34 to 39/XR only RCCS34 to 39/IR
¹⁾ see selection table „Process connection and materials“ (table11)			

Remote field-mount converter RCCF31, Model-, Suffix- and Option- Code :

Model	Suffix Code	Option Code	Description	Restrictions
RCCF31			Remote field-mount converter to be connected to RCCS3; when ordered without detector combination option /NC must be selected	
Power supply	-A -D		90 - 264 V AC 24 V DC	
Indicator direction	H2 NO		With indicator Without indicator	
Cable conduit connection	M A		M20 x 1, female thread with cable glands ANSI ½" NPT, female thread, only cable gland for detector connection	mandatory with /FF1,/FF3

Gällande optioner och Ex klassningar se original datablad eller kontakta OmniProcess AB