

Data sheet Quick connect coupling

Series 204

			Quick connect coupling								
Coupling:	204KL		Plug: 204SL						DN: 4 = 12,5 mm ²		
Working pressure (static): 0 up to 15 bar											
Working temperature: -20°C up to +100°C (depending on the seal material and medium)											
Single shut off Double shut off Straight through Self venting Safety lock Dry Break] T E F	Single hand operation Two hand operation Ball locking system Pin locking system Coupling anti-splas Plug anti-splash				Pipe-\ U-Cup			
Materials:			Standard				Version AISI 303		AISI 31	AISI 316 Ti	
Back body Valve body Sleeve Valve Spring Locking Balls / Pins Seals Plug			Brass, nickel plated AISI 303 AISI 420 NBR Brass, nickel plated						Alloro	<u> </u>	
Description: Dry-break coupling systems, which stand out for their extremely low leakage rates and a minimum volume of dead space. No air locks whatsoever during connecting and negligible film of channelled medium on the valve bodies when disconnecting. Coupling systems for applications in sensitive environments, such as in analysis technology, cooling circuits, transport systems and many applications with aggressive medium. Interchangeability:											
Versions / s seal material surface nicke oil and greas	Buna N, \ el plated, c	/iton, Kalrez, hrome plated	Ethylen	-Propylen;	s, others u	ipon i	request):				
Test values	at 20°C	depending on	the versi	on):							
Flow-rate air Flow-rate wa		325 l/min at 4,5 l/min at 0		•		bar p	oressure drop				
Vacuum coupling: Vacuum plug: Vacuum connected:		min. 95 %				Weight coupling: Weight plug: Leakage rate / dead volume:			app.58 g app. 23 g app. 0,015ml		
						at 6 bar inlet pressure at 6 bar inlet pressure			app. 100 N app. 14 N		
Safety factor:		at least 4-times Burst-pressure: at least							: 60 bar		
Fatigue:		5000 cycles	connect	ting/disconr	necting ti	ghtn	ess and functior	n O.K.			
Revision	Date	Name		Date	Name		Document-no.:				
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