

Applications

- Continuous flow indication without power supply
- Thirteen different versions and corrosion resistant materials make the products suitable for a broad range of applications
- Machine building, chemical industry, pharmaceutical industry, medical engineering
- Cooling systems and cooling circuits, transformers, central lubrication systems and recirculating oil lubrication systems
- Research and development

Special features

- High switching accuracy and functional safety
- Large switching range, low switch hysteresis
- Continuous switch point setting by the operator
- Viscosity compensated models available
- Explosion-protected versions



Quick order code (you can find further possible variants in data sheet FL 30.01)

Field no.	Code	Version				
Basic model						
①	DWG	Vertical mounting position, sight-glass display, for water and similar media				
	DWM/A	Vertical mounting position, dial indicator, for water and similar media				
	DWM	Vertical mounting position, without display, for water and similar media				
	DWM-L	Vertical mounting position, without display, for gaseous media				
	DUG	Mounting position as required, sight-glass display, for water and similar media				
	DUM/A	Mounting position as required, dial indicator, for water and similar media				
	DKG	Mounting position as required, sight-glass display, for oil and similar media				
	DKM/A	Mounting position as required, dial indicator, for oil and similar media				
	DKM	Mounting position as required, without display, for oil and similar media				
	RVO/U	Mounting position as required, sight-glass display, for water and similar media, several variants				
	RVO/U-L	Mounting position as required, sight-glass display, for gaseous media, several variants				
	RVM/U	Mounting position as required, without display, for water and similar media, several variants				
	RVM/U-L	Mounting position as required, without display, for gaseous media, several variants				
Flow range						
②	For basic models DWG, DWM and DWM/A		For basic model DWM-L		For basic model DUG	
	1.5	0.1 - 1.5 l/min (water)	1.5	1.0 - 28.0 NI/min (air)	4	0.2 - 4.0 l/min (water)
	3	0.2 - 3.0 l/min (water)	3	4.0 - 60.0 NI/min (air)	6	0.5 - 6.0 l/min (water)
	8	0.3 - 8.0 l/min (water)	8	6.0 - 160.0 NI/min (air)	8	0.5 - 8.0 l/min (water)
	12	1.0 - 12.0 l/min (water)	12	20.0 - 240.0 NI/min (air)	14	0.5 - 14.0 l/min (water)
	18	2.0 - 18.0 l/min (water)	18	40.0 - 360.0 NI/min (air)	22	2.0 - 22.0 l/min (water)
	35	3.0 - 35.0 l/min (water)	50	60.0 - 700.0 NI/min (air)	28	1.0 - 28.0 l/min (water)
	50	0.3 - 8.0 l/min (water)	100	200.0 - 1450.0 NI/min (air)	45	1.0 - 45.0 l/min (water)
					80	2.0 - 80.0 l/min (water)
					90	6.0 - 90.0 l/min (water)
					110	6.0 - 110.0 l/min (water)
					150	15.0 - 150.0 l/min (water)
					220	30.0 - 220.0 l/min (water)
				250	35.0 - 250.0 l/min (water)	

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Quick order code (you can find further possible variants in data sheet FL 30.01)

Field no.	Code	Version					
Flow range							
②	For basic model DUM/A		For basic models DKM and DKM/A		For basic model RVO/U-L		
	4	0.2 - 4.0 l/min (water)	1/60	20.0 - 60.0 l/min (oil, 0.9 kg/m ³)	L20125	28.0 - 125.0 NI/min (air)	
	5	0.6 - 5.0 l/min (water)	1/90	30.0 - 90.0 l/min (oil, 0.9 kg/m ³)	L20100	50.0 - 200.0 NI/min (air)	
	8	0.5 - 8.0 l/min (water)	1/110	35.0 - 110.0 l/min (oil, 0.9 kg/m ³)	L2/15L	100.0 - 420.0 NI/min (air)	
	14	1.0 - 14.0 l/min (water)	2/2	0.5 - 1.6 l/min (oil, 0.9 kg/m ³ , only DKM)	L2/20L	120.0 - 480.0 NI/min (air)	
	28	1.0 - 28.0 l/min (water)	2/3	0.8 - 3.0 l/min (oil, 0.9 kg/m ³ , only DKM)	L40001	0.2 - 1.3 NI/min (air)	
	40	2.0 - 40.0 l/min (water)	2/7	2.0 - 7.0 l/min (oil, 0.9 kg/m ³ , only DKM)	L40002	0.5 - 2.0 NI/min (air)	
	55	4.0 - 55.0 l/min (water)	For basic model RVO/U		L40003	0.8 - 3.0 NI/min (air)	
	70	1.0 - 70.0 l/min (water)	1/30	8.0 - 30.0 l/min (water)	L40005	1.5 - 5.0 NI/min (air)	
	90	8.0 - 90.0 l/min (water)	1/45	15.0 - 45.0 l/min (water)	L40008	2.0 - 8.0 NI/min (air)	
	110	5.0 - 110.0 l/min (water)	1/90	30.0 - 90.0 l/min (water)	L40012	3.0 - 12.0 NI/min (air)	
	150	10.0 - 150.0 l/min (water)	1/150	60.0 - 150.0 l/min (water)	L40014	3.5 - 14.0 NI/min (air)	
	220	35.0 - 220.0 l/min (water)	2/05	0.2 - 0.5 l/min (water)	L40020	5.5 - 20.0 NI/min (air)	
	250	35.0 - 250.0 l/min (water)	2/1	0.3 - 1.0 l/min (water)	L40024	7.0 - 24.0 NI/min (air)	
		For basic model DKG		2/2	0.7 - 2.0 l/min (water)	L40035	10.0 - 35.0 NI/min (air)
		1/1	0.1 - 0.8 l/min (oil, 0.9 kg/m ³)	2/4	1.6 - 4.0 l/min (water)	L40042	10.0 - 42.0 NI/min (air)
		1/2	0.5 - 1.5 l/min (oil, 0.9 kg/m ³)	2/8	3.0 - 8.0 l/min (water)	For basic model RVM/U	
		1/4	1.0 - 4.0 l/min (oil, 0.9 kg/m ³)	2/12	4.5 - 12.0 l/min (water)	1/30	10.0 - 30.0 l/min (water)
		1/8	2.0 - 8.0 l/min (oil, 0.9 kg/m ³)	2/15	6.0 - 15.0 l/min (water)	1/45	15.0 - 45.0 l/min (water)
		1/10	3.0 - 10.0 l/min (oil, 0.9 kg/m ³)	2/20	8.0 - 20.0 l/min (water)	1/60	20.0 - 60.0 l/min (water)
		1/15	5.0 - 15.0 l/min (oil, 0.9 kg/m ³)	2/24	9.5 - 24.0 l/min (water)	1/90	30.0 - 90.0 l/min (water)
		1/24	8.0 - 24.0 l/min (oil, 0.9 kg/m ³)	2/28	12.0 - 28.0 l/min (water)	1/150	60.0 - 150.0 l/min (water)
		1/30	10.0 - 30.0 l/min (oil, 0.9 kg/m ³)	4/01	0.005 - 0.06 l/min (water)	2/02	0.02 - 0.2 l/min (water)
		1/45	15.0 - 45.0 l/min (oil, 0.9 kg/m ³)	4/02	0.025 - 0.13 l/min (water)	2/06	0.2 - 0.6 l/min (water)
		1/60	20.0 - 60.0 l/min (oil, 0.9 kg/m ³)	4/03	0.06 - 0.3 l/min (water)	2/1	0.4 - 1.8 l/min (water)
		1/90	30.0 - 90.0 l/min (oil, 0.9 kg/m ³)	4/06	0.1 - 0.6 l/min (water)	2/3	0.8 - 3.2 l/min (water)
		2/2	0.5 - 1.7 l/min (oil, 0.9 kg/m ³)	4/1	0.2 - 1.2 l/min (water)	2/7	2.0 - 7.0 l/min (water)
		2/3	0.8 - 2.5 l/min (oil, 0.9 kg/m ³)	4/2	0.4 - 2.0 l/min (water)	2/13	3.0 - 13.0 l/min (water)
		2/4	1.3 - 4.0 l/min (oil, 0.9 kg/m ³)	4/3	0.5 - 3.0 l/min (water)	2/20	4.0 - 20.0 l/min (water)
		2/8	2.5 - 8.0 l/min (oil, 0.9 kg/m ³)	4/5	1.0 - 5.0 l/min (water)	2/30	8.0 - 30.0 l/min (water)
		For basic models DKM and DKM/A		For basic model RVO/U-L		4/01	0.005 - 0.06 l/min (water)
		1/2	0.5 - 1.5 l/min (oil, 0.9 kg/m ³)	L10080	22.5 - 80.0 NI/min (air)	4/02	0.04 - 0.13 l/min (water)
		1/4	1.0 - 4.0 l/min (oil, 0.9 kg/m ³)	L10130	50.0 - 130.0 NI/min (air)	4/06	0.1 - 0.6 l/min (water)
		1/8	2.0 - 8.0 l/min (oil, 0.9 kg/m ³)	L10420	130.0 - 420.0 NI/min (air)	4/1	0.2 - 1.2 l/min (water)
		1/10	3.0 - 10.0 l/min (oil, 0.9 kg/m ³)	L10625	200.0 - 625.0 NI/min (air)	4/2	0.4 - 2.0 l/min (water)
		1/15	5.0 - 15.0 l/min (oil, 0.9 kg/m ³)	L20012	3.0 - 12.0 NI/min (air)	4/3	0.5 - 3.0 l/min (water)
		1/24	8.0 - 24.0 l/min (oil, 0.9 kg/m ³)	L20030	7.0 - 30.0 NI/min (air)	4/5	1.0 - 5.0 l/min (water)
		1/30	10.0 - 30.0 l/min (oil, 0.9 kg/m ³)	L20040	12.0 - 40.0 NI/min (air)		
		1/45	15.0 - 45.0 l/min (oil, 0.9 kg/m ³)	L20080	20.0 - 80.0 NI/min (air)		
	Thread size						
	③	G 1/4	G 1/4"	⑤	Switching function		
		G 3/8	G 3/8"		[Blank]	No switch contact	
		G 1/2	G 1/2"		SPST	1x normally open	
		G 3/4	G 3/4"		2 SPST	2x normally open	
		G 1	G 1"		SPDT	1x change-over contact	
G 1 1/4		G 1 1/4"	2 SPDT		2x change-over contact		
G 1 1/2		G 1 1/2"					
Material							
④	MS	Brass	⑥	[Blank]	No switch contact		
	VA	Stainless steel 1.4571		ATEX	ATEX II 2 G Ex mb II T6 / ATEX II 2 D Ex tD A21		

Order code: FWS- -

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