VSG, VSL, VSKH and VSKV Two-line Metering Devices







VSG-KR

These high quality, galvanized steel metering devices are designed for high-pressure (up to 400 bar) two-line systems. They can also be used in low to medium-pressure systems. They are available with up to 8 outlets. Each outlet pair is equipped with an indicator pin for visual monitoring. Additional optional

features include rust proof material, rust and acid proof material, electrical monitoring, adjusting device with magnetically operated function for rigorous environments, viton seals for high temperature applications, and NPT inlet/outlet threads. Refer to the identification code for model designations to order these devices with the additional features.

All models function on the same principle. The difference between VSL, VSG and VSKH lies in the output per outlet. Model VSKV has the same features as the VSKH with the exception that the outlet ports are located on the front face (vertical positioning). This provides an alternative for applications requiring a different tube orientation. Versions ... MD (with magnetically operated indication of function) are designed without dynamic seals and can work under extremely adverse ambient conditions: water, dust, high temperature up to 120° C (176° F).

VSG-KR Models

VSG-KR

Indicator Pin and Adjustable Output 0-2.2 cm3 (0-0.13 in3)

Connection	Connection	Number	Connection Thread	Connection Thread	Connection Thread
Thread	Thread	of	BSPP	NPTF	NPTF
BSPP	BSPP	Outlets			
Carbon Steel	Stainless Steel		Stainless Steel	Carbon Steel	Stainless Steel
Galvanized	(VA 1.4305/303)		(VA 1.4571/316 Ti)	Galvanized	(VA 1.4305)
620-40022-1	620-40567-1	1		620-40022-2	
620-40015-1	620-40567-2	2	620-40839-2	620-40015-2	
620-40022-3	620-40567-3	3		620-40022-4	
620-40015-3	620-40567-4	4	620-40839-4	620-40015-4	
620-40022-5	620-40567-5	5		620-40022-6	
620-40015-5	620-40567-6	6	620-40839-6	620-40015-6	
620-40022-7	620-40567-7	7		620-40022-8	
620-40015-7	620-40567-8	8	620-40839-8	620-40015-8	

VSG, VSL, VSKH and VSKV Two-line Metering Devices





VSG-KD and D

Indicator Pin and Fixed Output* 2.2 cm 3 (0.13 in 3) Metering Screw (KD) VSG8-D or with Metering Screw only (D) as Shown

KD	D		KD	D
Connection Thread		Number	Connection Thread	
BS	SPP	of Outlets	NPTF	
Carbon Steel Galvanized			Carbon Steel Galvanized	
620-40023-1	620-40025-1	1	620-40023-2	620-40025-2
620-40023-3	620-40025-3	2	620-40023-4	620-40025-4
620-40023-5	620-40025-5	3	620-40023-6	620-40025-6
620-40023-7	620-40025-7	4	620-40023-8	620-40025-8
620-40024-1	620-40026-1	5	620-40024-2	620-40026-2
620-40024-3	620-40026-3	6	620-40024-4	620-40026-4
620-40024-5	620-40026-5	7	620-40024-6	620-40026-6
620-40024-7	620-40026-7	8	620-40024-8	620-40026-8

*also available: 0.55, 1.1, 1.65 cm³ (0.0336, 0.067, 0.1 in³)

VSG-KR-NP

Indicator Pin, Proximity Switch for Circular Plug M12 (237-13442-4) and Adjustable Output 0-2.2 cm³ (0-0.13 in³)

Connection Thread BSPP	Number of Outlets	Connection Thread NPTF
Carbon Steel Galvanized		Carbon Steel Galvanized
620-40733-1	1	
620-40733-2	2	
620-40733-3	3	
620-40733-4	4	
620-40733-5	5	
620-40733-6	6	
620-40733-7	7	
620-40733-8	8	

Note: High pressure-rated proximity switch is available as a retrofit for VSG models beyond series 9905. Part Number: 520-34018-1



VSG2KR-NP