



Cable Glands

As your technical partner, we support our customers in advice on technical solutions and the design of tailor-made products. By participating customer's needs. We think from customers' perspective and do our utmost to solve their problems with our professional knowledge and skills.

- InKonn(Suzhou) Electric Technology Co., Ltd.

CONTENTS

Overview01

Preface01

Productlist03

Cable Glands, IP68Polyamide03

Brass05

Brass-EMC07

AccessoriesLocknuts09

Screw Caps13

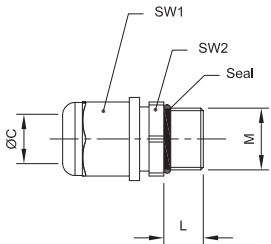
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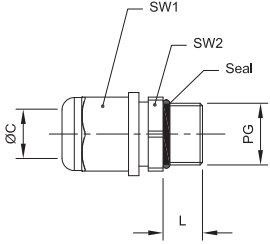
Thread Increaser19

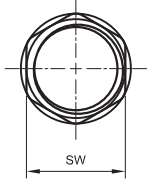
Thread Reducer21

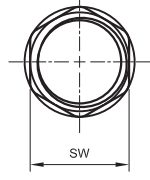
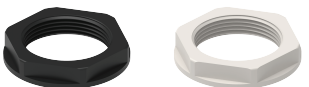
Thread Converter25

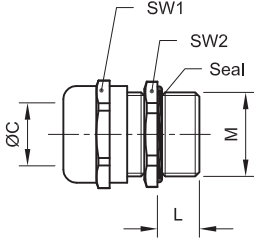


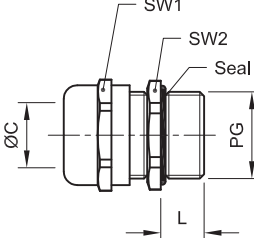
Technical characteristics						
- Material: Nylon - Material(Cable seal): NBR - Material(O-ring): NBR - Limiting temperature: -40...+100 °C - Degree of protection(IP):IP68  						
Thread	Cable range(mm)	Dimension(mm)			Order Information	
Metric	ØC	L	SW1	SW2	Black	Light Grey
M12 x 1.5	3 ... 6.5	9.0	15.5	15.5	10 97 000 1401	10 97 000 1201
M12 x 1.5	4 ... 8	9.0	19.0	19.0	10 97 000 1402	10 97 000 1202
M16 x 1.5	4 ... 8	9.0	19.0	19.0	10 97 000 1403	10 97 000 1203
M16 x 1.5	6 ... 10	10.0	22.0	22.0	10 97 000 1405	10 97 000 1205
M20 x 1.5	5 ... 9	10.0	24.0	24.0	10 97 000 1407	10 97 000 1207
M20 x 1.5	6 ... 12	10.0	24.0	24.0	10 97 000 1406	10 97 000 1206
M20 x 1.5	8 ... 14	11.0	27.0	27.0	10 97 000 1408	10 97 000 1208
M25 x 1.5	8 ... 14	11.0	27.0	27.0	10 97 000 1410	10 97 000 1210
M25 x 1.5	13 ... 18	12.0	33.0	33.0	10 97 000 1409	10 97 000 1209
M32 x 1.5	14 ... 22	15.0	42.0	42.0	10 97 000 1412	10 97 000 1212
M32 x 1.5	18 ... 25	15.0	42.0	42.0	10 97 000 1411	10 97 000 1211
M40 x 1.5	22 ... 32	15.0	52.0	52.0	10 97 000 1413	10 97 000 1213
M50 x 1.5	31 ... 41	16.0	62.0	62.0	10 97 000 1415	10 97 000 1215
M63 x 1.5	35 ... 45	18.0	76.0	76.0	10 97 000 1417	10 97 000 1217

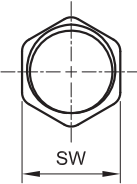
Technical characteristics						
- Material: Nylon - Material(Cable seal): NBR - Material(O-ring): NBR - Limiting temperature: -40...+100 °C - Degree of protection(IP):IP68  						
Thread	Cable range(mm)	Dimension(mm)			Order Information	
PG	ØC	L	SW1	SW2	Black	Light Grey
PG7	3 ... 6.5	9.0	16.0	16.0	10 97 800 1401	10 97 800 1201
PG7	4 ... 8	9.0	19.0	19.0	10 97 800 1402	10 97 800 1202
PG9	4 ... 8	9.0	19.0	19.0	10 97 800 1403	10 97 800 1203
PG11	6 ... 10	10.0	22.0	22.0	10 97 800 1405	10 97 800 1205
PG13.5	7 ... 12.5	10.5	24.0	24.0	10 97 800 1407	10 97 800 1207
PG16	8 ... 14	11.0	27.0	27.0	10 97 800 1409	10 97 800 1209
PG21	13 ... 18	12.5	33.0	33.0	10 97 800 1411	10 97 800 1211
PG29	18 ... 25	12.5	42.0	42.0	10 97 800 1413	10 97 800 1213
PG36	22 ... 32	15.0	52.0	52.0	10 97 800 1415	10 97 800 1215
PG42	31 ... 41	16.0	62.0	62.0	10 97 800 1417	10 97 800 1217
PG48	35 ... 45	18.0	65.0	65.0	10 97 800 1419	10 97 800 1219

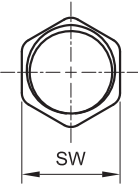
Technical characteristics				
- Material: Nylon - Limiting temperature: -40...+100 °C  				
Thread		Dimension(mm)	Order Information	
Metric		SW	Black	Light Grey
M12 x 1.5		17.5	10 97 000 1601	10 97 000 1501
M16 x 1.5		22.0	10 97 000 1602	10 97 000 1502
M20 x 1.5		26.4	10 97 000 1604	10 97 000 1504
M25 x 1.5		36.0	10 97 000 1607	10 97 000 1507
M32 x 1.5		38.4	10 97 000 1608	10 97 000 1508
M40 x 1.5		49.5	10 97 000 1609	10 97 000 1509
M50 x 1.5		59.5	10 97 000 1610	10 97 000 1510
M63 x 1.5		72.4	10 97 000 1611	10 97 000 1511

Technical characteristics				
- Material: Nylon - Limiting temperature: -40...+100 °C  				
Thread		Dimension(mm)	Order Information	
PG		SW	Black	Light Grey
PG7		17.5	10 97 800 1601	10 97 800 1501
PG9		22.0	10 97 800 1602	10 97 800 1502
PG11		23.5	10 97 800 1603	10 97 800 1503
PG13.5		26.5	10 97 800 1604	10 97 800 1504
PG16		29.5	10 97 800 1605	10 97 800 1505
PG21		35.5	10 97 800 1606	10 97 800 1506
PG29		45.5	10 97 800 1607	10 97 800 1507
PG36		57.5	10 97 800 1608	10 97 800 1508
PG42		64.0	10 97 800 1609	10 97 800 1509
PG48		69.0	10 97 800 1610	10 97 800 1510

Technical characteristics					
- Material:		Brass, nickel plated			
- Material(Cable seal):		NBR			
- Material(O-ring):		NBR			
- Limiting temperature:		-40 ... +120 °C			
- Degree of protection(IP):		IP68			
					
Thread	Cable range(mm)	Dimension(mm)			Order Information
Metric	ØC	L	SW1	SW2	
M12 x 1.5	3 ... 6.5	5.8	14.0	14.0	10 97 000 1101 KVSM-M12(D3-6.5)
M16 x 1.5	4 ... 8	6.7	17.0	17.0	10 97 000 1103 KVSM-M16(D4-8)
M16 x 1.5	5 ... 10	6.0	20.0	20.0	10 97 000 1105 KVSM-M16(D5-10)
M20 x 1.5	5 ... 10	7.8	22.0	22.0	10 97 000 1107 KVSM-M20(D5-10)
M20 x 1.5	6 ... 12	7.8	22.0	22.0	10 97 000 1106 KVSM-M20(D6-12)
M20 x 1.5	8 ... 14	7.8	24.0	24.0	10 97 000 1108 KVSM-M20(8-14)
M25 x 1.5	10 ... 16	7.7	27.0	27.0	10 97 000 1110 KVSM-M25(D10-16)
M25 x 1.5	13 ... 18	7.5	30.0	30.0	10 97 000 1109 KVSM-M25(D13-18)
M32 x 1.5	15 ... 22	8.5	35.0	35.0	10 97 000 1112 KVSM-M32(D15-22)
M32 x 1.5	18 ... 25	8.0	40.0	40.0	10 97 000 1111 KVSM-M32(D18-25)
M40 x 1.5	18 ... 25	12.0	45.0	45.0	10 97 000 1114 KVSM-M40(18-25)
M40 x 1.5	22 ... 32	12.0	50.0	50.0	10 97 000 1113 KVSM-M40(D22-32)
M50 x 1.5	25 ... 31	12.0	57.0	57.0	10 97 000 1116 KVSM-M50(D25-31)
M50 x 1.5	32 ... 38	12.0	57.0	57.0	10 97 000 1115 KVSM-M50(D32-38)
M63 x 1.5	37 ... 44	12.0	65.0	65.0	10 97 000 1117 KVSM-M63(D37-44)

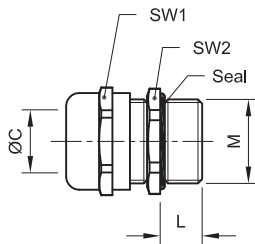
Technical characteristics					
- Material:		Brass, nickel plated			
- Material(Cable seal):		NBR			
- Material(O-ring):		NBR			
- Limiting temperature:		-40 ... +120 °C			
- Degree of protection(IP):		IP68			
					
Thread	Cable range(mm)	Dimension(mm)			Order Information
PG	ØC	L	SW1	SW2	
PG7	3 ... 6.5	5.8	14.0	14.0	10 97 800 1101 KVSM-PG7(D3-6.5)
PG9	4 ... 8	6.7	17.0	17.0	10 97 800 1103 KVSM-PG9(D4-8)
PG11	5 ... 10	7.0	20.0	20.0	10 97 800 1105 KVSM-PG11(D5-10)
PG13.5	6 ... 12	7.8	22.0	22.0	10 97 800 1107 KVSM-PG13.5(D6-12)
PG16	8 ... 14	7.3	24.0	24.0	10 97 800 1109 KVSM-PG16(8-14)
PG21	13 ... 18	8.0	30.0	30.0	10 97 800 1111 KVSM-PG21(D13-18)
PG29	18 ... 25	9.0	40.0	40.0	10 97 800 1113 KVSM-PG29(D18-25)
PG36	22 ... 32	12.0	50.0	50.0	10 97 800 1115 KVSM-PG36(D22-32)
PG42	32 ... 38	12.0	57.0	57.0	10 97 800 1117 KVSM-PG42(D32-38)
PG48	37 ... 44	12.0	65.0	65.0	10 97 800 1119 KVSM-PG48(D37-44)

Technical characteristics				
- Material:		Brass, nickel plated		
- Limiting temperature:		-40 ... +120 °C		
				
Thread		Dimension(mm)	Order Information	
Metric		SW	Part No.	Type Name
M12 x 1.5		15.0	10 97 000 1701	KVNM-M12
M16 x 1.5		18.0	10 97 000 1702	KVNM-M16
M20 x 1.5		22.0	10 97 000 1703	KVNM-M20
M25 x 1.5		27.0	10 97 000 1704	KVNM-M25
M32 x 1.5		35.0	10 97 000 1705	KVNM-M32
M40 x 1.5		50.0	10 97 000 1706	KVNM-M40
M50 x 1.5		57.0	10 97 000 1707	KVNM-M50
M63 x 1.5		70.0	10 97 000 1708	KVNM-M63

Technical characteristics				
- Material:		Brass, nickel plated		
- Limiting temperature:		-40 ... +120 °C		
				
Thread		Dimension(mm)	Order Information	
PG		SW	Part No.	Type Name
PG7		15.0	10 97 800 1701	KVNM-PG7
PG9		18.0	10 97 800 1702	KVNM-PG9
PG11		21.0	10 97 800 1703	KVNM-PG11
PG13.5		22.0	10 97 800 1704	KVNM-PG13.5
PG16		24.0	10 97 800 1705	KVNM-PG16
PG21		30.0	10 97 800 1706	KVNM-PG21
PG29		40.0	10 97 800 1707	KVNM-PG29
PG36		50.0	10 97 800 1708	KVNM-PG36
PG42		57.0	10 97 800 1709	KVNM-PG42
PG48		65.0	10 97 800 1710	KVNM-PG48

Technical characteristics

- Material: Brass, nickel plated
- MaterialCable seal): NBR
- Material(O-ring): NBR
- Limiting temperature: -40 ... +120 °C
- Degree of protection(IP): IP68





Thread		Cable range(mm)	Dimension(mm)			Order Information	
Metric	ØC		L	SW1	SW2	Part No.	Type Name
M16 x 1.5	4 ... 8		6.0	20.0	20.0	10 97 000 2103	KVEM-M16(D4-8)
M20 x 1.5	6 ... 12		7.0	24.0	24.0	10 97 000 2107	KVEM-M20(D6-12)
M25 x 1.5	10 ... 16		12.0	30.0	30.0	10 97 000 2111	KVEM-M25(D10-16)
M25 x 1.5	13 ... 18		13.0	30.0	30.0	10 97 000 2110	KVEM-M25(D13-18)
M32 x 1.5	15 ... 22		13.0	40.0	40.0	10 97 000 2113	KVEM-M32(D15-22)
M32 x 1.5	18 ... 25		13.0	40.0	40.0	10 97 000 2112	KVEM-M32(D18-25)
M40 x 1.5	22 ... 32		9.0	50.0	50.0	10 97 000 2114	KVEM-M40(D22-32)
M50 x 1.5	32 ... 38		9.0	57.0	57.0	10 97 000 2116	KVEM-M50(D32-38)

Technical characteristics

- Material: Brass, nickelplated
- Material(Cable seal): NBR
- Material(O-ring): NBR
- Limiting temperature: -40 ... +120 °C
- Degree of protection(IP): IP68

Thread		Cable range(mm)	Dimension(mm)			Order Information	
PG	ØC		L	SW1	SW2	Part No.	Type Name
PG9	4 ... 8		6.0	18.0	18.0	10 97 800 2103	KVEM-PG9(D4-8)
PG11	5 ... 10		6.0	20.0	20.0	10 97 800 2105	KVEM-PG11(D5-10)
PG13.5	6 ... 12		7.0	24.0	24.0	10 97 800 2107	KVEM-PG13.5(D6-12)
PG16	8 ... 14		7.0	24.0	24.0	10 97 800 2109	KVEM-PG16(D8-14)
PG21	13 ... 18		8.0	30.0	30.0	10 97 800 2111	KVEM-PG21(D13-18)
PG29	18 ... 25		8.0	40.0	40.0	10 97 800 2113	KVEM-PG29(D18-25)
PG36	22 ... 32		9.0	50.0	50.0	10 97 800 2115	KVEM-PG36(D22-32)
PG42	32 ... 38		9.0	57.0	57.0	10 97 800 2117	KVEM-PG42(D32-38)

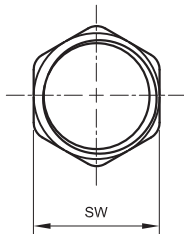
Technical characteristics

- Material:

Brass, nickel plated

- Limiting temperature:

-40 ... +120 °C




Thread		Dimension(mm)
Metric		SW
M12 x 1.5		15.0
M16 x 1.5		18.0
M20 x 1.5		22.0
M25 x 1.5		27.0
M32 x 1.5		36.0
M40 x 1.5		45.0
M50 x 1.5		55.0
M63 x 1.5		70.0

Order Information	
Part No.	Type Name
10 97 000 1801	KVNM-M12-E
10 97 000 1802	KVNM-M16-E
10 97 000 1803	KVNM-M20-E
10 97 000 1804	KVNM-M25-E
10 97 000 1805	KVNM-M32-E
10 97 000 1806	KVNM-M40-E
10 97 000 1807	KVNM-M50-E
10 97 000 1808	KVNM-M63-E

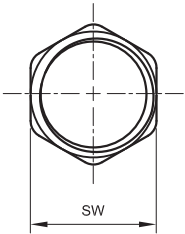
Technical characteristics

- Material:

Brass, nickel plated

- Limiting temperature:

-40 ... +120 °C



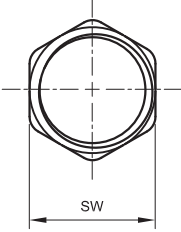

Thread		Dimension(mm)		Order Information	
PG		SW		Part No.	Type Name
PG7		xxxx		xxxx	KVNM-PG7-E
PG9		xxxx		xxxx	KVNM-PG9-E
PG11		xxxx		xxxx	KVNM-PG11-E
PG13.5		xxxx		xxxx	KVNM-PG13.5-E
PG16		xxxx		xxxx	KVNM-PG16-E
PG21		xxxx		xxxx	KVNM-PG21-E
PG29		xxxx		xxxx	KVNM-PG29-E
PG36		xxxx		xxxx	KVNM-PG36-E
PG42		xxxx		xxxx	KVNM-PG42-E
PG48		xxxx		xxxx	KVNM-PG48-E

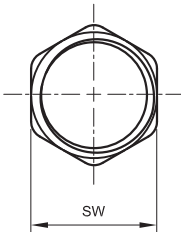
Technical characteristics					
- Material:		Nylon			
- Limiting temperature:		-40...+100 °C			
					
Thread		Dimension(mm)	Order Information		
Metric		SW	Black	Light Grey	
M12 x 1.5		17.5	10 97 000 1601	10 97 000 1501	
M16 x 1.5		22.0	10 97 000 1602	10 97 000 1502	
M20 x 1.5		26.4	10 97 000 1604	10 97 000 1504	
M25 x 1.5		36.0	10 97 000 1607	10 97 000 1507	
M32 x 1.5		38.4	10 97 000 1608	10 97 000 1508	
M40 x 1.5		49.5	10 97 000 1609	10 97 000 1509	
M50 x 1.5		59.5	10 97 000 1610	10 97 000 1510	
M63 x 1.5		72.4	10 97 000 1611	10 97 000 1511	

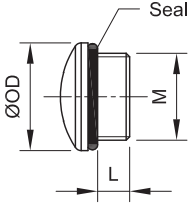
Technical characteristics					
- Material:		Nylon			
- Limiting temperature:		-40...+100 °C			
					
Thread		Dimension(mm)	Order Information		
PG		SW	Black	Light Grey	
PG7		17.5	10 97 800 1601	10 97 800 1501	
PG9		22.0	10 97 800 1602	10 97 800 1502	
PG11		23.5	10 97 800 1603	10 97 800 1503	
PG13.5		26.5	10 97 800 1604	10 97 800 1504	
PG16		29.5	10 97 800 1605	10 97 800 1505	
PG21		35.5	10 97 800 1606	10 97 800 1506	
PG29		45.5	10 97 800 1607	10 97 800 1507	
PG36		57.5	10 97 800 1608	10 97 800 1508	
PG42		64.0	10 97 800 1609	10 97 800 1509	
PG48		69.0	10 97 800 1610	10 97 800 1510	

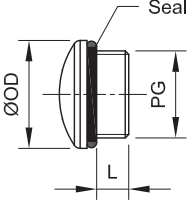
Technical characteristics				
- Material:		Brass, nickel plated		
- Limiting temperature:		-40 ... +120 °C		
				
Thread		Dimension(mm)	Order Information	
Metric		SW	Part No.	Type Name
M12 x 1.5		15.0	10 97 000 1701	KVNM-M12
M16 x 1.5		18.0	10 97 000 1702	KVNM-M16
M20 x 1.5		22.0	10 97 000 1703	KVNM-M20
M25 x 1.5		27.0	10 97 000 1704	KVNM-M25
M32 x 1.5		35.0	10 97 000 1705	KVNM-M32
M40 x 1.5		50.0	10 97 000 1706	KVNM-M40
M50 x 1.5		57.0	10 97 000 1707	KVNM-M50
M63 x 1.5		70.0	10 97 000 1708	KVNM-M63

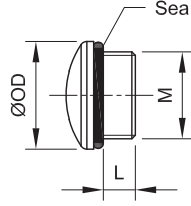
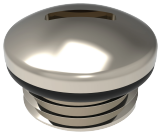
Technical characteristics				
- Material:		Brass, nickel plated		
- Limiting temperature:		-40 ... +120 °C		
				
Thread		Dimension(mm)	Order Information	
PG		SW	Part No.	Type Name
PG7		15.0	10 97 800 1701	KVNM-PG7
PG9		18.0	10 97 800 1702	KVNM-PG9
PG11		21.0	10 97 800 1703	KVNM-PG11
PG13.5		22.0	10 97 800 1704	KVNM-PG13.5
PG16		24.0	10 97 800 1705	KVNM-PG16
PG21		30.0	10 97 800 1706	KVNM-PG21
PG29		40.0	10 97 800 1707	KVNM-PG29
PG36		50.0	10 97 800 1708	KVNM-PG36
PG42		57.0	10 97 800 1709	KVNM-PG42
PG48		65.0	10 97 800 1710	KVNM-PG48

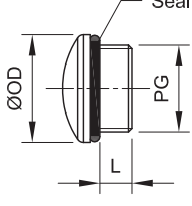
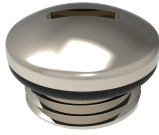
Technical characteristics					
- Type:		EMC			
- Material:		Brass, nickel plated			
- Limiting temperature:		-40 ... +120 °C			
					
Thread		Dimension(mm)		Order Information	
Metric		H	SW	Part No.	Type Name
M12 x 1.5		xxxx	xxxx	10 97 000 1801	KVNM-M12-E
M16 x 1.5		xxxx	xxxx	10 97 000 1802	KVNM-M16-E
M20 x 1.5		xxxx	xxxx	10 97 000 1803	KVNM-M20-E
M25 x 1.5		xxxx	xxxx	10 97 000 1804	KVNM-M25-E
M32 x 1.5		xxxx	xxxxx	10 97 000 1805	KVNM-M32-E
M40 x 1.5		xxxx	xxxx	10 97 000 1806	KVNM-M40-E
M50 x 1.5		xxxx	xxxx	10 97 000 1807	KVNM-M50-E
M63 x 1.5		xxxx	xxxx	10 97 000 1808	KVNM-M63-E

Technical characteristics					
- Type:		EMC			
- Material:		Brass, nickel plated			
- Limiting temperature:		-40 ... +120 °C			
					
Thread		Dimension(mm)		Order Information	
PG		SW		Part No.	Type Name
PG7		xxxx		xxxx	KVNM-PG7-E
PG9		xxxx		xxxx	KVNM-PG9-E
PG11		xxxx		xxxx	KVNM-PG11-E
PG13.5		xxxx		xxxx	KVNM-PG13.5-E
PG16		xxxx		xxxx	KVNM-PG16-E
PG21		xxxx		xxxx	KVNM-PG21-E
PG29		xxxx		xxxx	KVNM-PG29-E
PG36		xxxx		xxxx	KVNM-PG36-E
PG42		xxxx		xxxx	KVNM-PG42-E
PG48		xxxx		xxxx	KVNM-PG48-E

Technical characteristics					
- Material: Nylon					
- Material(seal): NBR					
- Limiting temperature: -40 ... +100 °C					
- Degree of protection(IP): IP68					
					
Thread		Dimension(mm)		Order Information	
Metric		L	OD	Black	Light Grey
M12		8.5	15.0	10 97 000 4401	10 97 000 4201
M16		8.5	19.0	10 97 000 4402	10 97 000 4202
M18		9.0	22.0	10 97 000 4403	10 97 000 4203
M20		9.0	25.0	10 97 000 4404	10 97 000 4204
M22		10.5	27.0	10 97 000 4405	10 97 000 4205
M25		10.5	30.0	10 97 000 4406	10 97 000 4206
M32		10.5	38.0	10 97 000 4408	10 97 000 4208
M40		11.5	46.0	10 97 000 4409	10 97 000 4209
M50		13.5	56.0	10 97 000 4410	10 97 000 4210
M63		14.0	68.0	10 97 000 4411	10 97 000 4211

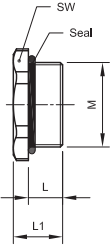
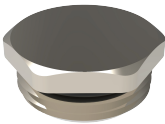
Technical characteristics					
- Material: Nylon					
- Material(seal): NBR					
- Limiting temperature: -40 ... +100 °C					
- Degree of protection(IP): IP68					
					
Thread		Dimension(mm)		Order Information	
PG		L	OD	Black	Light Grey
PG7		8.5	15.0	10 97 800 4401	10 97 800 4201
PG9		8.5	19.0	10 97 800 4402	10 97 800 4202
PG11		9.0	22.0	10 97 800 4403	10 97 800 4203
PG13.5		9.0	25.0	10 97 800 4404	10 97 800 4204
PG16		10.5	27.0	10 97 800 4405	10 97 800 4205
PG21		8.5	33.0	10 97 800 4406	10 97 800 4206
PG29		11.5	44.0	10 97 800 4407	10 97 800 4207
PG36		13.5	55.0	10 97 800 4408	10 97 800 4208
PG42		13.5	62.0	10 97 800 4409	10 97 800 4209
PG48		14.5	68.0	10 97 800 4410	10 97 800 4210

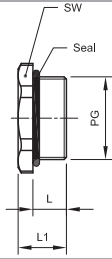
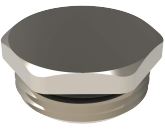
Technical characteristics					
- Material: Brass, nickel plated					
- Material(seal): NBR					
- Limiting temperature: -40 ... +120 °C					
- Degree of protection(IP): IP68					
					
Thread		Dimension		Order Information	
Metric		L	OD	Part No.	Type Name
M12		5.0	14.0	10970004301	KVCM-M12-Y
M16		6.0	18.5	10970004302	KVCM-M16-Y
M18		7.0	20.0	10970004303	KVCM-M18-Y
M20		7.0	22.0	10970004304	KVCM-M20-Y
M22		7.0	25.0	10970004305	KVCM-M22-Y
M25		7.0	27.0	10970004306	KVCM-M25-Y
M32		8.0	35.0	10970004307	KVCM-M32-Y
M40		9.0	43.0	10970004308	KVCM-M40-Y
M50		9.0	53.0	10970004309	KVCM-M50-Y
M63		10.0	66.0	10970004310	KVCM-M63-Y

Technical characteristics					
- Material: Brass, nickel plated					
- Material(seal): NBR					
- Limiting temperature: -40 ... +120 °C					
- Degree of protection(IP): IP68					
					
Thread		Dimension		Order Information	
PG		L	OD	Part No.	Type Name
PG7		5.0	14.0	10 97 800 4301	KVCM-PG7-Y
PG9		6.0	18.0	10 97 800 4302	KVCM-PG9-Y
PG11		6.0	21.0	10 97 800 4303	KVCM-PG11-Y
PG13.5		7.0	23.0	10 97 800 4304	KVCM-PG13.5-Y
PG16		7.0	24.0	10 97 800 4305	KVCM-PG16-Y
PG21		7.0	32.0	10 97 800 4306	KVCM-PG21-Y
PG29		8.0	40.0	10 97 800 4307	KVCM-PG29-Y
PG36		9.0	50.0	10 97 800 4308	KVCM-PG36-Y
PG42		9.0	59.0	10 97 800 4309	KVCM-PG42-Y
PG48		10.0	64.0	10 97 800 4310	KVCM-PG48-Y

Technical characteristics						
- Material: Nylon						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Order Information	
Metric		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
			XXXX		XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX

Technical characteristics						
- Material: Nylon						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Order Information	
PG		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
			XXXX		XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX

Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
						
						
Thread		Dimension(mm)			Order Information	
Metric		L	L1	SW	Part No.	Type Name
M12		5.0	8.4	14.0	10 97 000 4101	KVCM-M12
M16		6.0	9.2	18.5	10 97 000 4102	KVCM-M16
M18		7.0	10.0	20.0	10 97 000 4103	KVCM-M18
M20		7.0	10.0	22.0	10 97 000 4104	KVCM-M20
M22		7.0	10.0	25.0	10 97 000 4105	KVCM-M22
M25		7.0	10.0	27.0	10 97 000 4106	KVCM-M25
M32		8.0	12.0	35.0	10 97 000 4108	KVCM-M32
M40		9.0	15.0	43.0	10 97 000 4109	KVCM-M40
M50		9.0	15.0	53.0	10 97 000 4110	KVCM-M50
M63		10.0	16.0	66.0	10 97 000 4111	KVCM-M63

Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
						
						
Thread		Dimension(mm)			Order Information	
PG		L	L1	SW	Part No.	Type Name
PG7		5.0	8.3	14.0	10 97 800 4101	KVCM-PG7
PG9		6.0	8.8	18.0	10 97 800 4102	KVCM-PG9
PG11		6.0	10.0	21.0	10 97 800 4103	KVCM-PG11
PG13.5		7.0	10.0	23.0	10 97 800 4104	KVCM-PG13.5
PG16		7.0	10.0	24.0	10 97 800 4105	KVCM-PG16
PG21		7.0	11.0	32.0	10 97 800 4106	KVCM-PG21
PG29		8.0	12.5	40.0	10 97 800 4107	KVCM-PG29
PG36		9.0	13.0	50.0	10 97 800 4108	KVCM-PG36
PG42		9.0	15.0	59.0	10 97 800 4109	KVCM-PG42
PG48		10.0	16.0	64.0	10 97 800 4110	KVCM-PG48

Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Information	
Metric		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX

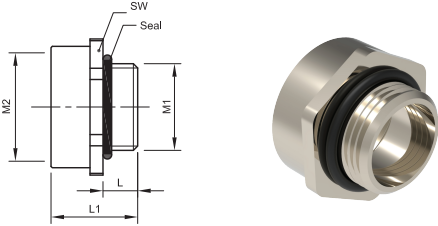
Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Information	
PG		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
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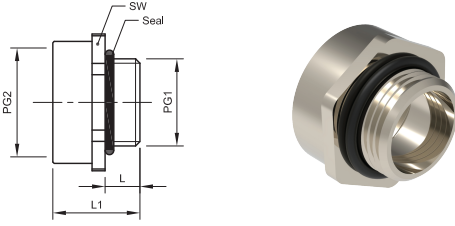
Technical characteristics						
- Material: Brass, nickel plated						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Information	
Metric		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX

Technical characteristics						
- Material: Brass, nickel plated						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Information	
PG		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX

Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Available in Q3/2023						
Thread		Dimension(mm)			Order Information	
Metric		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX

Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Available in Q3/2023						
Thread		Dimension(mm)			Order Information	
PG		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX

Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
						
Available in Q3/2023						
Metric		Dimension(mm)			Order Information	
M1 - M2		L	L1	SW	Part No.	Type Name
M12 -> M16		6.0	15.0	18.0	10 97 000 5401	KVAM-M12/M16-K
M16 -> M20		6.0	20.0	22.0	10 97 000 5403	KVAM-M16/M20-K
M20 -> M25		8.0	20.0	28.0	10 97 000 5406	KVAM-M20/M25-K
M25 -> M32		7.0	19.0	34.0	10 97 000 5408	KVAM-M25/M32-K
M32 -> M40		10.0	31.0	45.0	10 97 000 5409	KVAM-M32/M40-K
M40 -> M50		10.0	31.0	55.0	10 97 000 5410	KVAM-M40/M50-K
M50 -> M63		xxxx	xxx	xxx	10 97 000 5411	KVAM-M50/M63-K

Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
						
Available in Q3/2023						
PG		Dimension(mm)			Order Information	
PG1 - PG2		L	L1	SW	Part No.	Type Name
PG7 -> PG9		5.0	15.0	17.0	10 97 800 5401	KVAM-PG7/PG9-K
PG9 -> PG11		6.0	15.0	20.0	10 97 800 5402	KVAM-PG9/PG11-K
PG9 -> PG13.5		6.0	15.0	22.0	10 97 800 5403	KVAM-PG9/PG13.5-K
PG11 -> PG13.5		6.0	18.0	22.0	10 97 800 5404	KVAM-PG11/PG13.5-K
PG11 -> PG16		6.0	18.0	24.0	10 97 800 5405	KVAM-PG11/PG16-K
PG11 -> PG21		6.0	18.0	30.0	10 97 800 5406	KVAM-PG11/PG21-K
PG13.5 -> PG21		6.5	20.0	30.0	10 97 800 5407	KVAM-PG13.5/PG21-K
PG16 -> PG21		6.5	22.0	30.0	10 97 800 5408	KVAM-PG16/PG21-K
PG16 -> PG29		6.5	22.0	40.0	10 97 800 5409	KVAM-PG16/PG29-K
PG21 -> PG29		7.0	25.0	40.0	10 97 800 5410	KVAM-PG21/PG29-K
PG29 -> PG36		8.0	27.5	50.0	10 97 800 5411	KVAM-PG29/PG36-K
PG36 -> PG42		9.0	28.0	57.0	10 97 800 5412	KVAM-PG36/PG42-K
PG42 -> PG48		10.0	30.0	65.0	10 97 800 5413	KVAM-PG42/PG48-K

Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Information	
Metric		L	SW		Part No.	Type Name
		xxx			xxxx	xxxx
					xxxx	xxxx
			xxx		xxxx	xxxx
			xxxx	xxxx	xxxx	xxxx
		xxx	xxx		xxxx	xxxx
		xxxx	xxx	xxx	xxxx	xxxx
		xxxx	xxx	xxxx	xxxx	xxxx

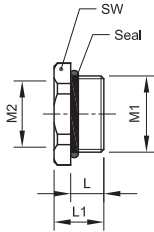
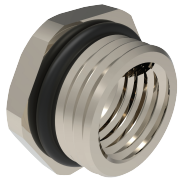
Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Information	
PG		L	SW		Part No.	Type Name
		xxx			xxxx	xxxx
					xxxx	xxxx
			xxx		xxxx	xxxx
			xxxx	xxxx	xxxx	xxxx
		xxx	xxx	xxx	xxxx	xxxx
		xxxx	xxx	xxx	xxxx	xxxx
		xxxx	xxx	xxx	xxxx	xxxx

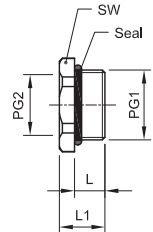
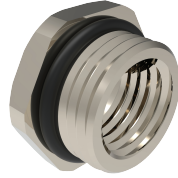
Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Metric		Dimension(mm)			Information	
M1	M2	L	SW		Part No.	Type Name
M20	-> M16	xxx			10 97 000 5101	KVRM-M20/M16
M25	-> M20				10 97 000 5104	KVRM-M25/M20
M32	-> M20		xxx		10 97 000 5102	KVRM-M32/M20
M32	-> M25		xxxx	xxxx	10 97 000 5103	KVRM-M32/M25
M40	-> M25		xxx	xxx	10 97 000 5105	KVRM-M40/M25
M40	-> M32	xxx	xxx	xxxx	10 97 000 5106	KVRM-M40/M32
M50	-> M32	xxxx	xxx	xxx	10 97 000 5107	KVRM-M50/M32
M50	-> M40	xxxx	xxx	xxxx	10 97 000 5108	KVRM-M50/M40

Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
PG		Dimension(mm)			Information	
PG1	PG2	L	SW		Part No.	Type Name
PG13.5	-> PG11	xxx			10 97 800 5101	KVRM-PG13.5/PG11
PG16	-> PG13.5				10 97 800 5102	KVRM-PG16/PG13.5
PG21	-> PG16		xxx		10 97 800 5103	KVRM-PG21/PG16
PG29	-> PG21		xxxx	xxxx	10 97 800 5104	KVRM-PG29/PG21
PG36	-> PG29		xxx	xxx	10 97 800 5105	KVRM-PG36/PG29
PG42	-> PG36	xxx	xxx	xxxx	10 97 800 5106	KVRM-PG42/PG36
PG48	-> PG42	xxxx	xxx	xxx	10 97 800 5107	KVRM-PG48/PG42

Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Order Information	
Metric		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX

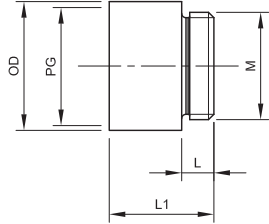
Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Order Information	
PG		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX

Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
						
						
Metric		Dimension(mm)			Order Information	
M1 - M2		L	L1	SW	Part No.	Type Name
M16 -> M12		6.0	8.8	17.0	10 97 000 5301	KVRM-M16/M12-J
M20 -> M12		6.5	9.5	22.0	10 97 000 5302	KVRM-M20/M12-J
M20 -> M16		7.0	10.0	22.0	10 97 000 5303	KVRM-M20/M16-J
M25 -> M16		7.0	10.0	27.0	10 97 000 5304	KVRM-M25/M16-J
M25 -> M20		7.0	10.0	27.0	10 97 000 5305	KVRM-M25/M20-J
M32 -> M16		8.0	11.0	35.0	10 97 000 5306	KVRM-M32/M16-J
M32 -> M20		8.0	11.0	35.0	10 97 000 5307	KVRM-M32/M20-J
M32 -> M25		7.0	11.0	35.0	10 97 000 5308	KVRM-M32/M25-J
M40 -> M20		8.0	12.0	45.0	10 97 000 5309	KVRM-M40/M20-J
M40 -> M25		8.0	12.0	45.0	10 97 000 5310	KVRM-M40/M25-J
M40 -> M32		8.0	12.0	45.0	10 97 000 5311	KVRM-M40/M32-J
M50 -> M25		9.0	13.0	55.0	10 97 000 5312	KVRM-M50/M25-J
M50 -> M32		9.0	13.0	55.0	10 97 000 5313	KVRM-M50/M32-J
M50 -> M40		9.0	13.0	55.0	10 97 000 5314	KVRM-M50/M40-J

Technical characteristics						
- Material: Brass, nickel plated						
- Material(seal): NBR						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
						
						
PG		Dimension(mm)			Order Information	
PG1 - PG2		L	L1	SW	Part No.	Type Name
PG9 -> PG7		6.0	8.8	18.0	10 97 800 5301	KVRM-PG9/PG7-J
PG11 -> PG7		6.0	9.0	20.0	10 97 800 5302	KVRM-PG11/PG7-J
PG11 -> PG9		6.0	9.0	20.0	10 97 800 5303	KVRM-PG11/PG9-J
PG13.5 -> PG9		6.5	9.5	22.0	10 97 800 5304	KVRM-PG13.5/PG9-J
PG13.5 -> PG11		6.5	9.5	22.0	10 97 800 5305	KVRM-PG13.5/PG11-J
PG16 -> PG9		6.5	9.5	24.0	10 97 800 5306	KVRM-PG16/PG9-J
PG16 -> PG11		6.5	9.5	24.0	10 97 800 5307	KVRM-PG16/PG11-J
PG16 -> PG13.5		6.5	9.5	24.0	10 97 800 5308	KVRM-PG16/PG13.5-J
PG21 -> PG11		7.0	10.3	30.0	10 97 800 5309	KVRM-PG21/PG11-J
PG21 -> PG13.5		7.0	10.9	30.0	10 97 800 5310	KVRM-PG21/PG13.5-J
PG21 -> PG16		7.0	10.9	30.0	10 97 800 5311	KVRM-PG21/PG16-J
PG29 -> PG16		8.0	11.5	40.0	10 97 800 5312	KVRM-PG29/PG16-J
PG29 -> PG21		8.0	13.0	40.0	10 97 800 5313	KVRM-PG29/PG21-J
PG36 -> PG21		9.0	12.5	50.0	10 97 800 5314	KVRM-PG36/PG21-J
PG36 -> PG29		9.0	12.5	50.0	10 97 800 5315	KVRM-PG36/PG29-J
PG42 -> PG29		10.0	13.5	57.0	10 97 800 5316	KVRM-PG42/PG29-J
PG42 -> PG36		10.0	13.5	57.0	10 97 800 5317	KVRM-PG42/PG36-J
PG48 -> PG36		10.0	13.5	65.0	10 97 800 5318	KVRM-PG48-PG36-J
PG48 -> PG42		10.0	13.5	65.0	10 97 800 5319	KVRM-PG48-PG42-J

Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Order Information	
Metric		L	SW		Part No.	Type Name
		XXX			XXXX	XXXX
					XXXX	XXXX
			XXX		XXXX	XXXX
			XXXX	XXXX	XXXX	XXXX
		XXX	XXX		XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX
		XXXX	XXX	XXXX	XXXX	XXXX
		XXX	XXX	XXX	XXXX	XXXX
		XXX	XXX	XXXX	XXXX	XXXX
		XXXX	XXX	XXX	XXXX	XXXX

Technical characteristics						
- Material: Nylon						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Order Information	
PG		L	SW		Part No.	Type Name
XXX -> XXX		XXX			XXXX	XXXX
XXX -> XXX					XXXX	XXXX
XXXX -> XXX			XXX		XXXX	XXXX
XXX -> XXX			XXXX	XXXX	XXXX	XXXX
XXX -> XXX		XXX	XXX		XXXX	XXXX
XXX -> XXX		XXXX	XXX	XXX	XXXX	XXXX
XXX -> XXX		XXXX	XXX	XXX	XXXX	XXXX
XXX -> XXX		XXX	XXX	XXXX	XXXX	XXXX
XXX -> XXX		XXXX	XXX	XXX	XXXX	XXXX
XXX -> XXX		XXX	XXX	XXX	XXXX	XXXX
XXX -> XXX		XXX	XXX	XXXX	XXXX	XXXX

Technical characteristics						
- Material: Brass, nickel plated						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
						
Thread		Dimension(mm)			Order Information	
M	PG	L	L1	OD	Part No.	Type Name
M20	PG16	6.5	20.0	24.0	10 97 000 5201	KVAM-M20/PG16
M25	PG21	6.5	21.5	30.0	10 97 000 5202	KVAM-M25/PG21
M32	PG29	7.0	23.0	39.0	10 97 000 5203	KVAM-M32/PG29
M40	PG36	9.0	28.0	50.0	10 97 000 5204	KVAM-M40/PG36

Technical characteristics						
- Material: Brass, nickel plated						
- Limiting temperature: -40 ... +120 °C						
- Degree of protection(IP): IP68						
Thread		Dimension(mm)			Order Information	
M	PG	L	SW		Part No.	Type Name
XXX -> XXX		XXX			XXX	XXX
XXX -> XXX					XXX	XXX
XXX -> XXX			XXX		XXX	XXX
XXX -> XXX			XXXX	XXXX	XXX	XXX
XXX -> XXX		XXX	XXX	XXX	XXX	XXX
XXX -> XXX		XXXX	XXX	XXX	XXX	XXXX
XXX -> XXX		XXXX	XXX	XXXX	XXX	XXX
XXX -> XXX		XXX	XXX	XXX	XXX	XXX
XXX -> XXX		XXXX	XXX	XXX	XXX	XXX
XXX -> XXX		XXXX	XXX	XXXX	XXX	XXX
XXX -> XXX		XXX	XXX	XXX	XXX	XXX

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