

提夫自控技术（上海）有限公司



电气参数		
标称阻值	5 k	KOhm
阻值精度	±20	%
独立线性度	±1	% of meas. range
电气行程	50	mm
可重复性	0.05	mm
分压器温度系数	50	ppm/°C
推荐滑动片电流	max. 1	µA
故障失灵滑动片最大电流	10	mA
功率P	max. 0.5	W/40°C
最小寿命(电气)	10 Mio.	cycles
机械参数		
机械行程	50	mm
推杆调节力	max. 3	N
带回拉弹簧推杆调节力	max. 10	N
最小寿命(机械)	5 Mio.	cycles
工作温度	-25 ... +75	°C
储存温度	-25 ... +105	°C
防护等级	IP65	
标准		
绝缘电阻(500 VDC, 1bar, 2s)	10	GOhm
绝缘强度(VAC, 50Hz, 1min, 1bar)	700	V
振动(Amax = 0.75mm, f = 30 ... 2000 Hz)	10	g
冲击(half sine pulse, 7 ms)	50	g

KI500 (KL50/KLR50)

应用

• 汽车加速踏板

产品特点

小体积

适应性设计

5 Mio. 转

极好的线性度高达 ±0.25%

非常好的分辨率, 好于0,05mm

可选

线性度 ±0.25 %

标称阻值 1KOhm 到 20KOhm

推杆槽

更长推杆

线缆连接

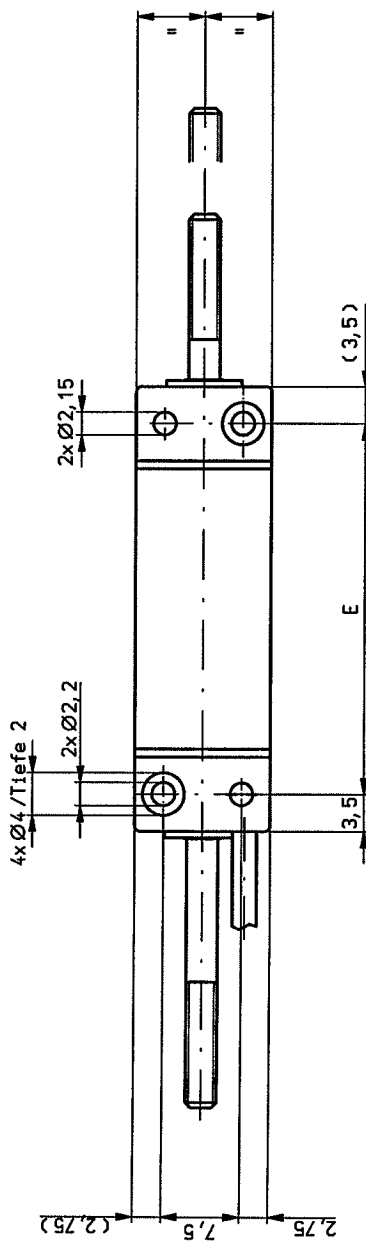
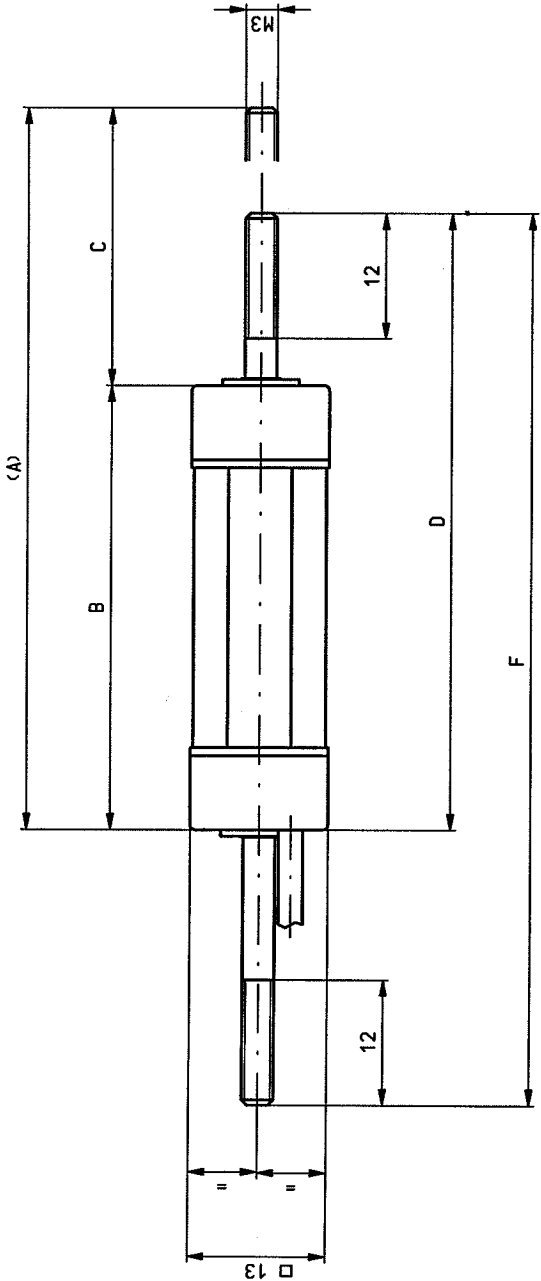
更长电缆

串联加固

不带螺纹

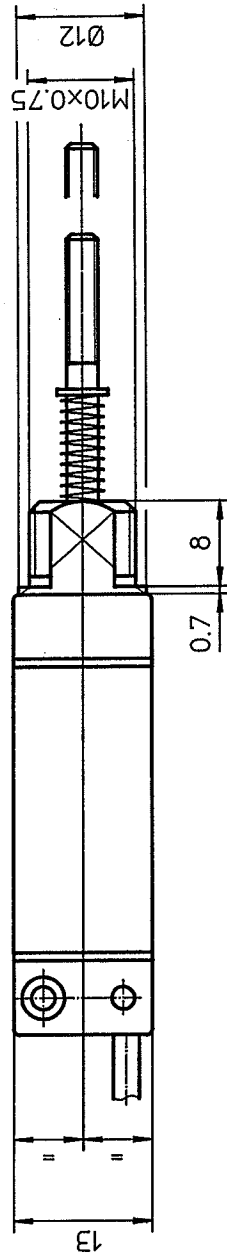
带螺纹M6x0.75 or M10x0.75

带或不带回拉弹簧



Typ	Art. Nr.	Elektr. Hub	Linearit t	A	B	C	D	E	F
KL 100-1K0/M-SD	70437	10	±1%	68.5	42	26.5	58.5	35	85
KL 100-1K0/M-SD	70822	10	±0.5%	68.5	42	26.5	58.5	35	85
KL 250-5K0/M-SD	70440	25	±1%	98.5	57	41.5	73.5	50	115
KL 250-5K0/M-SD	70825	25	±0.25%	98.5	57	41.5	73.5	50	115
KL 500-5K0/M-SD	70443	50	±1%	148.5	82	66.5	98.5	75	165
KL 500-5K0/M-SD	70828	50	±0.25%	148.5	82	66.5	98.5	75	165

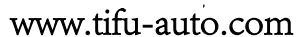
2	1	Pos	Menge	EH	Abmessung	Verkstoff	Gewicht	Benennung	Art. Nummer
6	5	6	5	6	5	6	5	6	5
4	3	4	3	4	3	4	3	4	3
2	1	2	1	2	1	2	1	2	1
1	1	1	1	1	1	1	1	1	1
CONTELEC									
CH-2503 BIEL									
MB3									
12910									
A									
99									



Typ	Art.-Nr.	Elektr. Hublänge gesamt	Hublänge linearisiert	Linearität	A	B	C	D
KL 100-1k0/M-SEFZM	82656	10	-	±1%	85.2	41.7	43.5	75.2
KL 100-1k0/M-SEFZM	82657	10	9	±0.5%	85.2	41.7	43.5	75.2
KL 250-5k0/M-SEFZM	82658	25	-	±1%	125.2	56.7	68.5	100.2
KL 250-5k0/M-SEFZM	82659	25	23	±0.25%	125.2	56.7	68.5	100.2
KL 500-5k0/M-SEFZM	82660 83211	50	-	±1%	185.2	81.7	103.5	135.2
KL 500-5k0/M-SEFZM	82661	50	48	±0.25%	185.2	81.7	103.5	135.2

Menge	Einh.	Artikel Nr.	Ind.	Bezeichnung 1	Bemerkungen	
1	A 04.07.97	gim	4.		Vorg.Zichng:	
2	A 06.12.04	Inst	5.		Musstab 2:1	
3.			6.		Projektion 	Folge-Zichng:
					Alg. Id. SN 258 440	
					mittel	T. Kl. 07.03
Gezeichnet	18.11.96	OG	②			
Geprüft	4.07.97	DA		Bezeichn. 1	MB KL-SEFZM (Kabel)	
Normgepr.				Bezeichn. 2	KL 100-1000	
Freigebe						
CONTELEC				CONTELEC AG	MB3	12920
				CH-2503-BIEL	A	99

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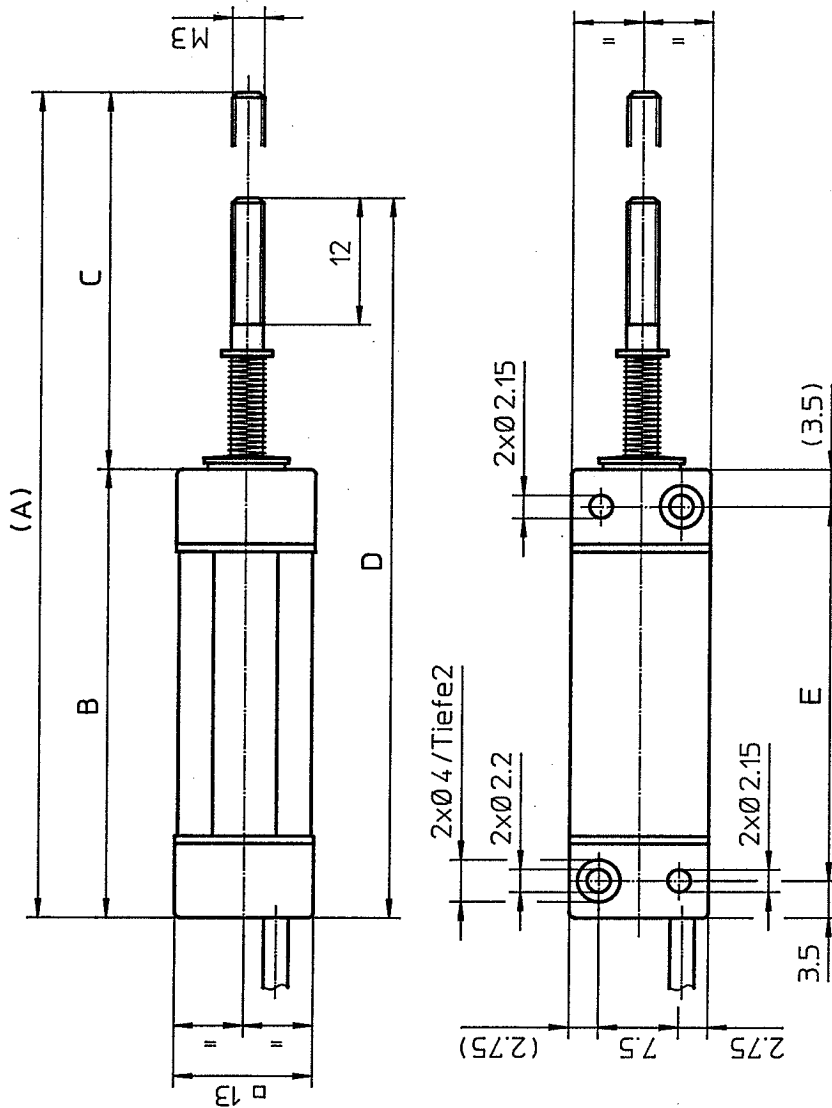


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CONTELEC

12923	A	99
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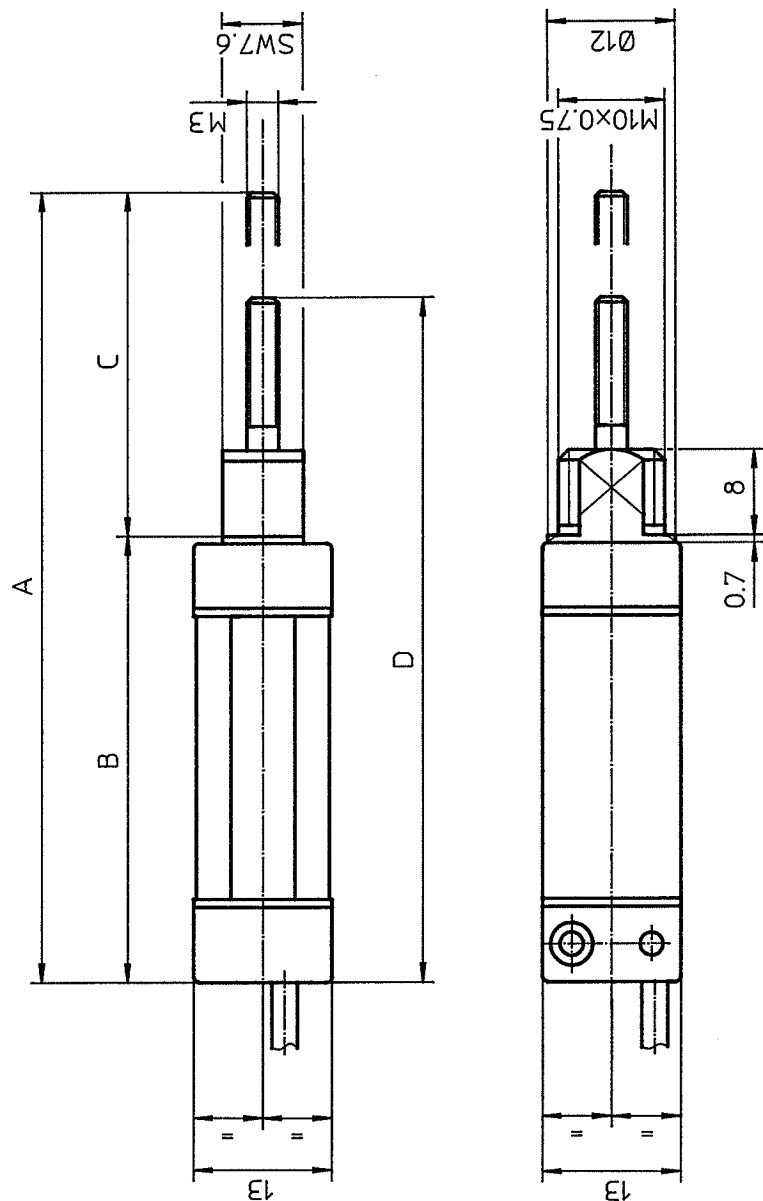


Typ	Art.-Nr.	Elektr. Hublänge gesamt linearisiert	Linearität	A	B	C	D	E
KL 100-1K0/M-SEF	70436	10	±1%	77.5	42	35.5	67.5	35
KL 100-1K0/M-SEF	70824	10	±0.5%	77.5	42	35.5	67.5	35
KL 150-1K0/M-SEF	82825	15	±1%	95.5	47	48.5	80.5	40
KL 250-5K0/M-SEF	70439	25	±1%	117.5	57	60.5	92.5	50
KL 250-5K0/M-SEF	70827	25	±0.25%	117.5	57	60.5	92.5	50
KL 500-5K0/M-SEF	70442	50	±1%	177.5	82	95.5	127.5	75
KL 500-5K0/M-SEF	70830	50	±0.25%	177.5	82	95.5	127.5	75

Menge	Einheit	Artikel Nr.	Ind.	Bezeichnung 1	Bezeichnung 2	Benachrichtigung
1	19.07.93 br	4	A	03.07.97 gm	Massstab	Vorg. Zeichnung: 11903A vom 03.07.97
2	27.08.93 gm	5	B	11.09.97/A317 gm	2:1	Folge-Zeichnung:
3	15.02.94 ng	6	B	13.02.98 gm	Alig. id. SN 258440	T. Kl. 07.03
Gezeichnet	05.08.91	gm			mittel	
Geprüft	16.02.98	si				
Normgepr.						
Freigabe						
Bezeichnung 1 MB KL-SEF (Kabel)						
Bezeichnung 2 KL100/250/500						
CONTELEC AG						
CH-2503-BIEL						
MB3						
12903 B 99						

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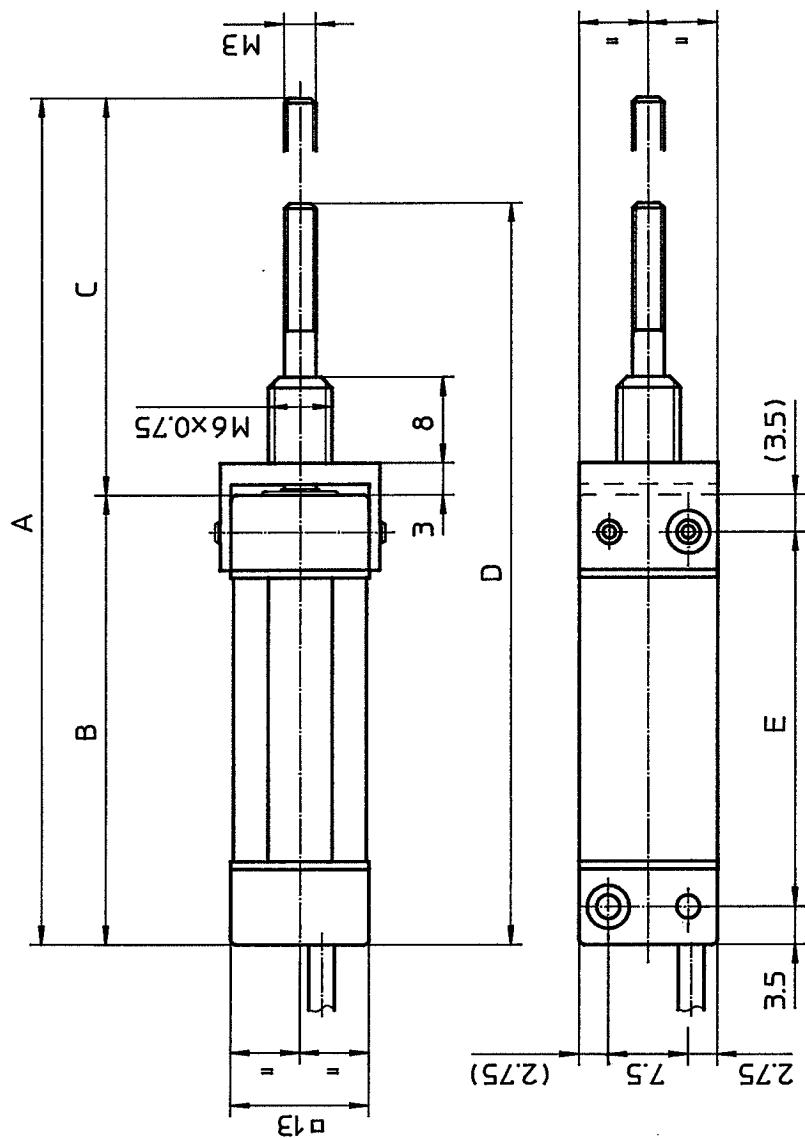
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Typ	Art.-Nr.	Elektr. Hublänge gesamt	Lineartoleranz	Lineartoleranz	A	B	C	D
KL 100-1K0/M-SE ZM	82649	10	-	±1%	75.2	41.7	33.5	65.2
KL 100-1K0/M-SE ZM		10	9	±0.5%	75.2	41.7	33.5	65.2
KL 250-5K0/M-SE ZM	82650	25	-	±1%	105.2	56.7	48.5	80.2
KL 250-5K0/M-SE ZM		25	23	±0.25%	105.2	56.7	48.5	80.2
KL 500-5K0/M-SE ZM	82651	50	-	±1%	155.2	81.7	73.5	105.2
KL 500-5K0/M-SE ZM	82652	50	48	±0.25%	155.2	81.7	73.5	105.2
KL 750-5K0/M-SE ZM	82653	75	-	±1%	205.2	106.7	98.5	130.2
KL 750-5K0/M-SE ZM		75	73	±0.25%	205.2	106.7	98.5	130.2
KL 1000-5K0/M-SE ZM	82654	100	-	±1%	255.2	131.7	123.5	155.2
KL 1000-5K0/M-SE ZM	82655	100	98	±0.25%	255.2	131.7	123.5	155.2

Menge	Einheit	Artikel Nr.	Ind.	Bezeichnung 1	Bezeichnung 2	Bemerkungen
1	A 04.12.96 gm	4				Vorg. Zchnng:
2	A 04.07.97 gm	5				Folge-Zchnng:
3		6				
Gezeichnet	18.11.96	OG				T. Kl. 07.03
Geprüft	4.07.97	W				
Normgepr.						
Freigebe						
				Bezeichnung 1 MB KL-SE ZM (Kabel)		
				Bezeichnung 2 KL 100-1000		
				CONTELEC AG		
				CH-2503-BIEL		
				MB3		
				12950		
				A 99		

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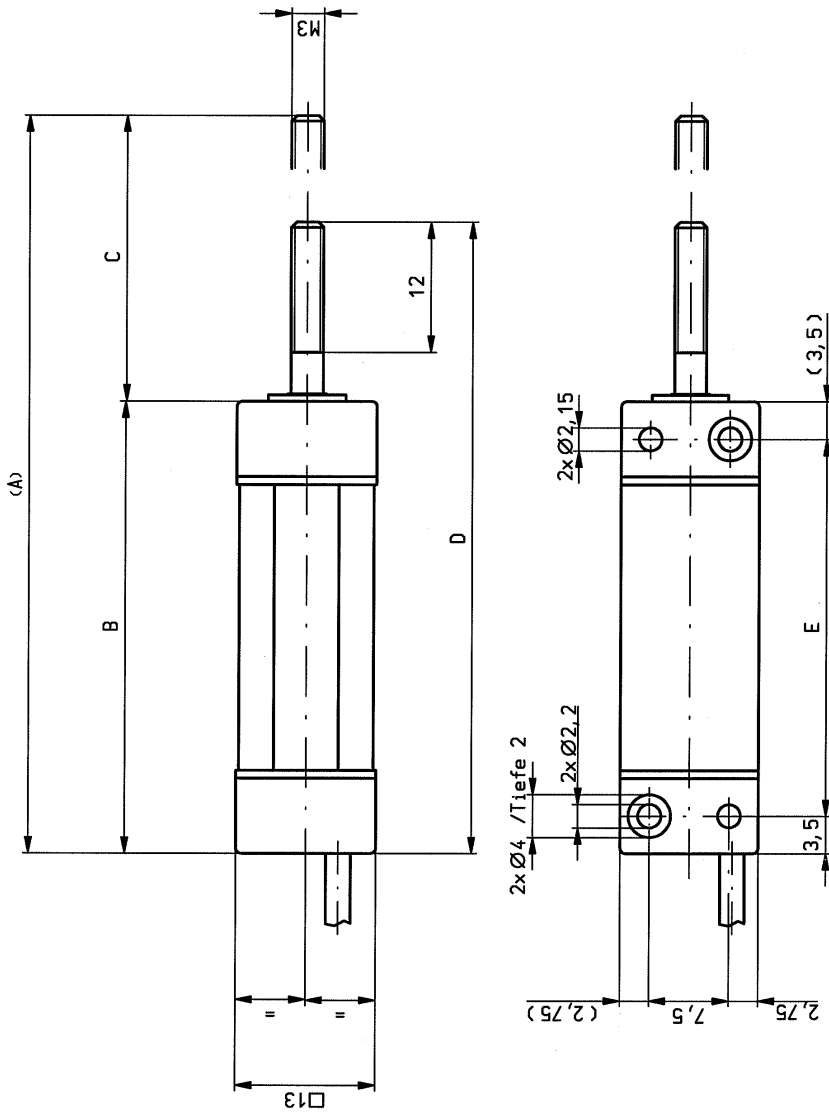


Typ	Art.-Nr.	Elektr. Hublänge gesamt	Linearität	A	B	C	D	E
KL 100-1K0/M-SE ZN	82298	10	±1%	78.5	42	36.5	68.5	35
KL 100-1K0/M-SE ZN	.	10	±0.5%	78.5	42	36.5	68.5	35
KL 250-5K0/M-SE ZN	82237	25	±1%	108.5	57	51.5	83.5	50
KL 250-5K0/M-SE ZN	.	25	±0.25%	108.5	57	51.5	83.5	50
KL 500-5K0/M-SE ZN	82239	50	±1%	158.5	82	76.5	108.5	75
KL 500-5K0/M-SE ZN	82408	50	±0.25%	158.5	82	76.5	108.5	75
KL 750-5K0/M-SE ZN	82320	75	±1%	208.5	107	101.5	133.5	100
KL 750-5K0/M-SE ZN	.	75	±0.25%	208.5	107	101.5	133.5	100
KL 1000-5K0/M-SE ZN	82243	100	±1%	258.5	132	126.5	158.5	125
KL 1000-5K0/M-SE ZN	82409	100	±0.25%	258.5	132	126.5	158.5	125

Menge	Etzh.	Artikel Nr.	Ind.	Bezeichnung 1	Bezeichnungen
1	A 27.08.93 gm	4	A 04.12.96 gm	Massstab	Projektion
2	A 14.06.96 og	5	A 04.07.97 gm	2:1	Vorg. Zchnng:
3	A 12.11.96 og	6		Allg. tol. SN 258440	Folge-Zchnng:
Gezeichnet	28.06.93	gm		mittel	T. Kl. 07.03
Geprüft	4.02.97	W1		Bezeichnung 1 MB KL-SE ZN (Kabel)	
Normgepr.				Bezeichnung 2 KL 100-1000	
Freigabe				CONTELEC AG	
				CH-2503-BIEL	
				CONTELEC	
				MB3	
				12924	
				A	99

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Typ	Art. Nr.	Elektr. Hub	Linearität	A	B	C	D	E
KL 100-1K0/M-SE	70438	10	±1%	68.5	42	26.5	58.5	35
KL 100-1K0/M-SE	70823	10	±0.5%	68.5	42	26.5	58.5	35
KL 250-5K0/M-SE	70441	25	±1%	98.5	57	41.5	73.5	50
KL 250-5K0/M-SE	70826	25	±0.25%	98.5	57	41.5	73.5	50
KL 500-5K0/M-SE	70444	50	±1%	148.5	82	66.5	98.5	75
KL 500-5K0/M-SE	70829	50	±0.25%	148.5	82	66.5	98.5	75
KL750-5K0/M-SE	82318	75	±1%	198.5	107	91.5	123.5	100
KL750-5K0/M-SE	.	75	±0.25%	198.5	107	91.5	123.5	100
KL1000-5K0/M-SE	82241	100	±1%	248.5	132	116.5	148.5	125
KL1000-5K0/M-SE	.	100	±0.25%	248.5	132	116.5	148.5	125

[illegible]