

FLEXMOV® Control Cables

FLEXMOV® 控制电缆

FMC610 控制电缆 Control cables



- PVC外护套
- 带屏蔽
- 阻燃
- 低成本
- PVC outer jacket
- Shielded
- Flame-retardant
- Low cost

移动参数 Dynamic Information

	最小弯曲半径 Min. bending radius	拖链内移动 Moving in cable carriers	12.5 x d
		非拖链内移动 Flexible moving	10 x d
		固定铺设 Fixed installation	7 x d
	使用温度范围 Temperature	拖链内移动 Moving in cable carriers	+5°C至to +70°C
		非拖链内移动 Flexible moving	-5°C至to +70°C
		固定铺设 Fixed installation	-15°C至to +70°C
	最大速度 v max.	架空 Unsupported	3 m/s
	最大加速度 a max.	20 m/s ²	
	行程距离 Travel distance	小于10米的架空应用 Unsupported travel distances up to 10 m	

电缆结构 Cable structure

	导体 Conductor	高抗弯强度的精细裸铜多股线 (符合 DIN EN 60228 标准) Conductor consisting of bare copper wires (according to DIN EN 60228)
	绝缘材料 Conductor insulation	高机械性能的PVC混合物 Mechanically high-quality PVC mixture.
	芯线结构 Conductor construction	芯线以优化的短节距绞合在一起 Cores wound with an optimised pitch length.
	芯线识别 Color code	一根为黄绿芯线, 其余均为黑色芯线带白色数字 Black cores with white numbers, one green-yellow core.
	总屏蔽 Overall shield	高度抗弯曲的镀锡铜丝编织。光学覆盖率80%。 Extremely bending-resistant braiding made of tinned copper wires. Optical approx. 80 %
	外护套 Outer jacket	低粘性的PVC基混合物, 符合拖链要求 Low-adhesion PVC mixture, adapted to suit the requirements in cable carriers. 颜色: 黑色 Color: black RAL 9005

电气参数 Electrical Information

	额定电压 Nominal voltage	U ₀ /U: 300/500 V (符合following VDE0298-3)
	测试电压 Test voltage	2000 V (符合following EN50395)

特性和认证 Properties and approvals

	阻燃 Flame resistance	符合According to IEC 60332-1-2、VW-1、FT1
	REACH	符合 According to the regulation (EC) No. 1907/2006 (REACH)
	EAC	经认证Certificate No. KG 417/043.CN.02.00249
	无铅 Lead-free	符合Following 2015/863/EU (RoHS-II 经SGS检测 Tested by SGS)
	无尘室 Cleanroom	符合Following ISO 14644-1
	CE	符合Following 2014/35/EU
	UL	符合Following UL2570, 600V, 80°C

质保使用寿命 Guaranteed service life

往返行程 Double strokes	100万次 1 million times	300万次 3 million times	500万次 5 million times
适用温度范围 Temperature, from/to [°C]	最小弯曲半径 R min. [系数factor x d]	最小弯曲半径 R min. [系数factor x d]	最小弯曲半径 R min. [系数factor x d]
+5/+15	15	16	17
+15/+60	12.5	13.5	14.5
+60/+70	15	16	17

FLEXMOV® Control Cables

FLEXMOV® 控制电缆

FMC610

FMC610 控制电缆 Control cables

产品编码 Part No.	芯数及截面积 Number of cores and conductor nominal cross-section [mm]	外径 Outer diameter [mm]	铜含量 Copper index [kg/km]	重量 Weight [kg/km]
FMC610.05.03	(3G0.5)C	6.0	28.0	47.0
FMC610.05.04	(4G0.5)C	6.5	35.0	54.0
FMC610.05.05	(5G0.5)C	7.0	41.0	65.0
FMC610.05.07	(7G0.5)C	8.0	59.0	75.0
FMC610.05.12	(12G0.5)C	9.0	91.0	125.0
FMC610.05.18	(18G0.5)C	11.0	136.0	177.0
FMC610.05.25	(25G0.5)C	13.0	210.0	243.0
FMC610.07.02	(2×0.75)C	6.5	30.0	50.0
FMC610.07.03	(3G0.75)C	7.0	37.0	66.0
FMC610.07.04	(4G0.75)C	7.5	46.0	72.0
FMC610.07.05	(5G0.75)C	8.0	61.0	87.0
FMC610.07.07	(7G0.75)C	9.0	83.0	112.0
FMC610.07.12	(12G0.75)C	10.5	124.0	170.0
FMC610.07.18	(18G0.75)C	12.0	183.0	238.0
FMC610.07.25	(25G0.75)C	14.5	222.0	309.0
FMC610.10.02	(2×1.0)C	6.5	30.0	52.0
FMC610.10.03	(3G1.0)C	7.0	46.0	73.0
FMC610.10.04	(4G1.0)C	7.5	63.0	102.0
FMC610.10.05	(5G1.0)C	8.0	76.0	110.0
FMC610.10.07	(7G1.0)C	9.5	100.0	130.0
FMC610.10.12	(12G1.0)C	11.5	167.0	229.0
FMC610.10.18	(18G1.0)C	13.0	213.0	281.0
FMC610.10.25	(25G1.0)C	16.0	291.0	390.0
FMC610.15.02	(2×1.5)C	7.5	60.0	71.0
FMC610.15.03	(3G1.5)C	7.5	63.0	87.0
FMC610.15.04	(4G1.5)C	8.5	90.0	111.0
FMC610.15.05	(5G1.5)C	9.0	94.0	131.0
FMC610.15.07	(7G1.5)C	11.0	153.0	183.0
FMC610.15.12	(12G1.5)C	13.0	212.0	282.0
FMC610.15.18	(18G1.5)C	15.0	399.0	458.0
FMC610.15.25	(25G1.5)C	18.5	425.0	573.0
FMC610.25.03	(3G2.5)C	10.0	114.0	171.0
FMC610.25.04	(4G2.5)C	10.0	141.0	163.0
FMC610.25.05	(5G2.5)C	11.0	149.0	195.0
FMC610.25.07	(7G2.5)C	13.0	204.0	262.0
FMC610.25.12	(12G2.5)C	16.0	342.0	428.0

注Note: 外径是指参考值 The outer diameters are reference values.

G: 带黄-绿接地线 With green-yellow earth core

x: 不带接地线 Without earth core

FMC610

FLEXMOV®

www.csb-ep.com
sales@csb-ep.com

电话: 0573 84186133/84185527
Tel: 0086 573 84187009