

FLEXMOV® Motor cables

FLEXMOV® 动力电缆

FMM900 动力电缆 Motor cables



- TPE外护套
- 阻燃
- 抗UV
- 耐油
- 抗水解和微生物

- TPE outer jacket
- Flame resistance
- UV-resistance
- Oil-resistant
- Hydrolysis and microbe-resistant

移动参数 Dynamic Information

	最小弯曲半径 Min. bending radius	拖链内移动 Moving in cable carriers	7.5 x d
		非拖链内移动 Flexible moving	6 x d
		固定铺设 Fixed installation	4 x d
	使用温度范围 Temperature	拖链内移动 Moving in cable carriers	-35°C至to +90°C
		非拖链内移动 Flexible moving	-45°C至to +90°C
		固定铺设 Fixed installation	-50°C至to +90°C
	最大速度 v max.	架空 Unsupported	10 m/s
		滑行 Gliding	6 m/s
	最大加速度 a max.	100 m/s ²	
	行程距离 Travel distance	架空应用和行程距离小于400米的滑行应用 Unsupported travels and up to 400 m and more for gliding applications	
	可扭转 Torsion	±90°/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 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TPE混合物 Mechanically high-quality TPE mixture.
	芯线结构 Conductor construction	符合测量系统标准 According to measuring system specification.
	芯线识别 Color code	黄-绿色 yellow-green
	外护套 Outer jacket	低粘性的TPE基混合物，高度耐磨、柔性，符合拖链要求（符合 EN 50363-10-2 标准） Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in cable carriers. 颜色：黑色 Color: Black RAL 9005

FMM900

FLEXMOV®

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

电话: 0573 84186133/84185527
Tel: 0086 573 84187009

电气参数 Electrical Information

	额定电压 Nominal voltage	U ₀ /U: 600/1000 V (符合following VDE0298-3)
	测试电压 Test voltage	4000 V (符合following EN50395)

特性和认证 Properties and approvals

	抗紫外线 UV-resistance	高 High
	耐水解 Hydrolysis-resistance	高 High
	耐低温 Cold-resistant	-50°C
	耐油性 Oil resistance	耐油 (符合 IEC60811-404 标准, 经SGS检测), 耐生物油 (符合VDMA24568 标准, 经SGS检测) Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
	阻燃 Flame resistance	符合According to IEC 60332-1-2、VW-1、FT1
	REACH	符合 Accordng 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

质保使用寿命 Guaranteed service life

往返行程 Double strokes	500万次 5 million times	750万次 7.5 million times	1000万次 10 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]
-35/-25	10	11	12
-25/+80	7.5	8.5	9.5
+80/+90	10	11	12

FLEXMOV® Motor cables

FLEXMOV® 动力电缆

FMM900

FMM900 动力电缆 Motor 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]
FMM900.15.01	1G1.5	4.5	16.0	31.0
FMM900.25.01	1G2.5	5.5	25.0	42.0
FMM900.40.01	1G4.0	6.0	41.0	59.0
FMM900.60.01	1G6.0	7.0	61.0	83.0
FMM900.100.01	1G10	7.5	100.0	124.0
FMM900.160.01	1G16	9.5	159.0	195.0
FMM900.250.01	1G25	11.5	248.0	294.0
FMM900.350.01	1G35	12.5	347.0	395.0
FMM900.500.01	1G50	14.5	495.0	551.0
FMM900.700.01	1G70	16.5	725.0	813.0
FMM900.950.01	1G95	20.0	936.0	1080.0

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

FMM900

FLEXMOV®

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

电话: 0573 84186133/84185527
Tel: 0086 573 84187009