

FMM600 Motor cables



- PVC outer jacket
- Flame resistance
- UV-resistance
- Oil-resistant



Dynamic Information

	Min. bending radius	Moving in cable carriers	7.5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	+5°C to +70°C
		Flexible moving	-5°C to +70°C
		Fixed installation	-15°C to +70°C
	v max.	Unsupported	10 m/s
		Gliding	5 m/s
	a max.	80 m/s ²	
	Travel distance	Unsupported travels and up to 100 m for gliding applications	
	Torsion	±90°/m	










Cable structure

	Conductor	Cross -sectional < 10 mm ² : Stranded conductor in especially bending-resistant version consisting of bare copper wires (according to DIN EN 60228). Cross -sectional ≥ 10 mm ² : Conductor cable consisting of pre-leads(according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality, especially low-capacitance XLPE mixture.
	Conductor construction	Cores wound with a short pitch length around a high tensile strength centre element.
	Color code	Black cores with white numbers, one green-yellow core. Core1: U/L1/C/L+ Core2: V/L2 Core3: W/L3/D/L- Core4: 4/N
	Outer jacket	Low adhesion mixture on the basis of PVC, adapted to suit the requirements in cable carriers. Color: black RAL 9005

Electrical Information

 Nominal voltage	U_0/U : 600/1000 V (following VDE0298-3)
 Test voltage	4000 V (following EN50395)

Properties and approvals

 UV-resistance	Medium
 Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
 Flame resistance	According to IEC 60332-1-2, VW-1, FT1
 REACH	According to the regulation (EC) No. 1907/2006 (REACH)
 EAC	Certificate No. KG 417/043.CN.02.00249
 Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
 Cleanroom	Following ISO 14644-1
 CE	Following 2014/35/EU
 UL	Following UL2570, 1000V, 80°C

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
+5/+15	10	11	12
+15/+60	7.5	8.5	9.5
+60/+70	10	11	12

FMM600 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
FMM600.15.04	4G1.5	8	61	104
FMM600.25.04	4G2.5	10	100	166
FMM600.25.05	5G2.5	11	124	203
FMM600.40.04	4G4.0	11.5	163	249
FMM600.40.05	5G4.0	12.5	204	302
FMM600.60.04	4G6.0	13.5	237	343
FMM600.60.05	5G6.0	15	297	410
FMM600.100.04	4G10	16.5	407	548
FMM600.100.05	5G10	19.5	515	684
FMM600.160.04	4G16	20	646	826
FMM600.160.05	5G16	23.5	815	1067
FMM600.250.04	4G25	25	1014	1320
FMM600.350.04	4G35	28.5	1439	1795

Note: The outer diameters are reference values.

G: With green-yellow earth core

x: Without earth core

FMM610 Motor cables



- PVC outer jacket
- Shielded
- Flame resistance
- UV-resistance
- Oil-resistant

Dynamic Information

	Min. bending radius	Moving in cable carriers	7.5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	+5°C to +70°C
		Flexible moving	-5°C to +70°C
		Fixed installation	-15°C to +70°C
	v max.	Unsupported	10 m/s
		Gliding	5 m/s
	a max.	80 m/s ²	
	Travel distance	Unsupported travels and up to 400 m for gliding applications	

Cable structure

	Conductor	Cross-sectional < 10 mm ² : Stranded conductor in especially bending-resistant version consisting of bare copper wires (according to DIN EN 60228). Cross-sectional ≥ 10 mm ² : Conductor cable consisting of pre-leads (according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality, especially low-capacitance XLPE mixture.
	Conductor construction	Cores wound with a short pitch length around a high tensile strength centre element.
	Color code	Black cores with white numbers, one green-yellow core. Core1: U/L1/C/L+ Core2: V/L2 Core3: W/L3/D/L- Core4: 4/N
	Inner jacket	PVC mixture adapted to suit the requirements in cable carriers.
	Overall shield	Bending-resistant braiding made of tinned copper wires. Coverage linear approx. 70%, optical approx. 90%
	Outer jacket	Low adhesion mixture on the basis of PVC, adapted to suit the requirements in cable carriers. Color: black RAL 9005

Electrical Information

	Nominal voltage	U ₀ /U: 600/1000 V (following VDE0298-3)
	Test voltage	4000 V (following EN50395)

Properties and approvals

	UV-resistance	Medium
	Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
	Flame resistance	According to IEC 60332-1-2, VW-1, FT1
	REACH	According to the regulation (EC) No. 1907/2006 (REACH)
	EAC	Certificate No. KG 417/043.CN.02.00249
	Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
	Cleanroom	Following ISO 14644-1
	CE	Following 2014/35/EU
	UL	Following UL2570, 1000V, 80°C

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
+5/+15	10	11	12
+15/+60	7.5	8.5	9.5
+60/+70	10	11	12

FMM610 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
FMM610.15.04	(4G1.5)C	10	89	157
FMM610.25.04	(4G2.5)C	11.5	133	221
FMM610.25.05	(5G2.5)C	13	163	271
FMM610.40.04	(4G4.0)C	13	203	300
FMM610.40.05	(5G4.0)C	14.5	258	354
FMM610.60.04	(4G6.0)C	16	288	455
FMM610.60.05	(5G6.0)C	17	356	532
FMM610.100.04	(4G10)C	18.5	468	670
FMM610.100.05	(5G10)C	21.5	609	857
FMM610.160.04	(4G16)C	23	738	1035
FMM610.250.04	(4G25)C	27.5	1153	1586
FMM610.350.04	(4G35)C	31	1592	2104
FMM610.500.04	(4G50)C	36.5	2224	2902
FMM610.700.04	(4G70)C	43	3203	4173

Note: The outer diameters are reference values.
 G: With green-yellow earth core
 x: Without earth core

FMM900 Motor cables



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

Dynamic Information

	Min. bending radius	Moving in cable carriers	7.5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	-35°C to +90°C
		Flexible moving	-45°C to +90°C
		Fixed installation	-50°C to +90°C
	v max.	Unsupported	10 m/s
		Gliding	6 m/s
	a max.	100 m/s ²	
	Travel distance	Unsupported travels and up to 400 m and more for gliding applications	
	Torsion	±90°/m	

Cable structure

	Conductor	Conductor consisting of bare copper wires (according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality TPE mixture.
	Conductor construction	According to measuring system specification.
	Color code	yellow-green
	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in cable carriers. Color: black RAL 9005

Electrical Information

	Nominal voltage	U_0/U : 600/1000 V (following VDE0298-3)
	Test voltage	4000 V (following EN50395)

Properties and approvals

	UV-resistance	High
	Hydrolysis-resistance	High
	Cold-resistant	-50°C
	Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
	Flame resistance	According to IEC 60332-1-2、VW-1、FT1
	REACH	According to the regulation (EC) No. 1907/2006 (REACH)
	EAC	Certificate No. KG 417/043.CN.02.00249
	Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
	Cleanroom	Following ISO 14644-1
	CE	Following 2014/35/EU

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-35/-25	10	11	12
-25/+80	7.5	8.5	9.5
+80/+90	10	11	12

FMM900 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	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

Note: The outer diameters are reference values.

G: With green-yellow earth core

x: Without earth core

FMM902 Motor cables



- TPE outer jacket
- UV-resistance
- Oil-resistant
- Hydrolysis and microbe-resistant
- PVC and halogen-free

Dynamic Information

	Min. bending radius	Moving in cable carriers	7,5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	-35°C to +90°C
		Flexible moving	-50°C to +90°C
		Fixed installation	-55°C to +90°C
	v max.	Unsupported	10 m/s
		Gliding	6 m/s
	a max.	100 m/s ²	
	Travel distance	Unsupported travels and up to 400 m and more for gliding applications	
	Torsion	±90°/m	











Cable structure

	Conductor	Conductor consisting of bare copper wires (according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality TPE mixture.
	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in cable carriers. Color: black RAL 9005

Electrical Information

	Nominal voltage	U ₀ /U: 600/1000 V (following VDE0298-3)
	Test voltage	4000 V (following EN50395)

Properties and approvals

	UV-resistance	High
	Hydrolysis-resistance	High
	Cold-resistant	-55°C
	Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
	Halogen-free	Following DIN EN 60754
	REACH	According to the regulation (EC) No. 1907/2006 (REACH)
	EAC	Certificate No. KG 417/043.CN.02.00249
	Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
	Cleanroom	Following ISO 14644-1
	CE	Following 2014/35/EU

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-35/-25	10	11	12
-25/+80	7.5	8.5	9.5
+80/+90	10	11	12

FMM902 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
FMM902.60.01	1×6.0	7	61	77
FMM902.100.01	1×10	7.5	100	119
FMM902.160.01	1×16	9.5	159	181
FMM902.250.01	1×25	11.5	248	284
FMM902.350.01	1×35	12.5	347	385
FMM902.500.01	1×50	14.5	495	534
FMM902.700.01	1×70	16.5	710	754
FMM902.950.01	1×95	20	936	1015
FMM902.1200.01	1×120	21.5	1184	1265
FMM902.1500.01	1×150	23.5	1469	1548
FMM902.1850.01	1×185	26.5	1928	2016

Note: The outer diameters are reference values.

G: With green-yellow earth core

x: Without earth core

FMM903 Motor cables



- TPE outer jacket
- Flame resistance
- UV-resistance
- Oil-resistant
- Resistant to hydrolysis and microbes



Dynamic Information

	Min. bending radius	Moving in cable carriers	7,5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	-35°C to +90°C
		Flexible moving	-45°C to +90°C
		Fixed installation	-50°C to +90°C
	v max.	Unsupported	10 m/s
		Gliding	6 m/s
	a max.	80 m/s ²	
	Travel distance	Unsupported travels and up to 400 m for gliding applications	
	Torsion	±90°/m	












Cable structure

	Conductor	Cross-sectional < 10 mm ² : Stranded conductor in especially bending-resistant version consisting of bare copper wires (according to DIN EN 60228). Cross-sectional ≥ 10 mm ² : Conductor cable consisting of pre-leads (according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality, especially low-capacitance XLPE mixture.
	Conductor construction	Cores wound with a short pitch length around a high tensile strength centre element.
	Color code	Black cores with white numbers, one green-yellow core. Core1: U/L1/C/L+ Core2: V/L2 Core3: W/L3/D/L- Core4: 4/N
	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in cable carriers. Color: black RAL 9005

Electrical Information

 Nominal voltage	U_0/U : 600/1000 V (following VDE0298-3)
 Test voltage	4000 V (following EN50395)

Properties and approvals

 UV-resistance	High
 Hydrolysis-resistance	High
 Cold-resistant	-50°C
 Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
 Flame resistance	According to IEC 60332-1-2, VW-1, FT1
 REACH	According to the regulation (EC) No. 1907/2006 (REACH)
 EAC	Certificate No. KG 417/043.CN.02.00249
 Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
 Cleanroom	Following ISO 14644-1
 CE	Following 2014/35/EU
 UL	Following UL22188, 1000V, 80°C

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-35/-25	10	11	12
-25/+80	7.5	8.5	9.5
+80/+90	10	11	12

FMM903 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
FMM903.15.04	4G1.5	8	61	102
FMM903.25.04	4G2.5	10	100	159
FMM903.40.04	4G4.0	11.5	163	236
FMM903.60.04	4G6.0	13.5	237	332
FMM903.60.05	5G6.0	15	297	406
FMM903.100.04	4G10	16.5	407	537
FMM903.100.05	5G10	19.5	515	670
FMM903.160.04	4G16	20	646	819
FMM903.160.05	5G16	22.5	815	1009
FMM903.250.04	4G25	24.5	1014	1271

Note: The outer diameters are reference values.

G: With green-yellow earth core

x: Without earth core

FMM907 Motor cables



- TPE outer jacket
- UV-resistance
- Oil-resistant
- Resistant to hydrolysis and microbes
- PVC and halogen-free

Dynamic Information

	Min. bending radius	Moving in cable carriers	7.5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	-35°C to +90°C
		Flexible moving	-50°C to +90°C
		Fixed installation	-55°C to +90°C
	v max.	Unsupported	10 m/s
		Gliding	6 m/s
	a max.	80 m/s ²	
	Travel distance	Unsupported travels and up to 400 m for gliding applications	
	Torsion	±90°/m	

Cable structure

	Conductor	Cross-sectional < 10 mm ² : Stranded conductor in especially bending-resistant version consisting of bare copper wires (according to DIN EN 60228). Cross-sectional ≥ 10 mm ² : Conductor cable consisting of pre-leads (according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality, especially low-capacitance XLPE mixture.
	Conductor construction	Cores wound with a short pitch length around a high tensile strength centre element.
	Color code	Black cores with white numbers, one green-yellow core. Core1: U/L1/C/L+ Core2: V/L2 Core3: W/L3/D/L- Core4: 4/N
	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in cable carriers. Color: black RAL 9005

Electrical Information

	Nominal voltage	U_0/U : 600/1000 V (following VDE0298-3)
	Test voltage	4000 V (following EN50395)

Properties and approvals

	UV-resistance	High
	Hydrolysis-resistance	High
	Cold-resistant	-55°C
	Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
	Halogen-free	Following DIN EN 60754
	REACH	Accordding to the regulation (EC) No. 1907/2006 (REACH)
	EAC	Certificate No. KG 417/043.CN.02.00249
	Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
	Cleanroom	Following ISO 14644-1
	CE	Following 2014/35/EU
	UL	Following UL22188, 1000V, 80°C

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-35/-25	10	11	12
-25/+80	7.5	8.5	9.5
+80/+90	10	11	12

FMM907 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
FMM907.15.04	4G1.5	8	61	95
FMM907.25.04	4G2.5	10	100	149
FMM907.40.04	4G4.0	11.5	163	221
FMM907.60.04	4G6.0	13.5	237	317
FMM907.60.05	5G6.0	15	297	387
FMM907.100.04	4G10	16.5	407	503
FMM907.100.05	5G10	19	515	634
FMM907.160.04	4G16	20	646	773
FMM907.160.05	5G16	22.5	815	963
FMM907.250.04	4G25	24	1014	1203

Note: The outer diameters are reference values.

G: With green-yellow earth core

x: Without earth core

FMM912 Motor cables



- TPE outer jacket
- Shielded
- UV-resistance
- Oil-resistant
- Hydrolysis and microbe-resistant
- PVC and halogen-free

Dynamic Information

	Min. bending radius	Moving in cable carriers	7.5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	-35°C to +90°C
		Flexible moving	-50°C to +90°C
		Fixed installation	-55°C to +90°C
	v max.	Unsupported	10 m/s
		Gliding	6 m/s
	a max.	100 m/s ²	
	Travel distance	Unsupported travels and up to 400 m and more for gliding applications	











电缆结构 Cable structure

	Conductor	Conductor consisting of bare copper wires (according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality TPE mixture.
	Overall shield	Bending-resistant braiding made of tinned copper wires. Coverage linear approx. 70 %, optical approx. 90 %
	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in cable carriers. Color: Black RAL 9005

Electrical Information

	Nominal voltage	U ₀ /U: 600/1000 V (following VDE0298-3)
	Test voltage	4000 V (following EN50395)

Properties and approvals

	UV-resistance	High
	Hydrolysis-resistance	High
	Cold-resistant	-55°C
	Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
	Halogen-free	Following DIN EN 60754
	REACH	According to the regulation (EC) No. 1907/2006 (REACH)
	EAC	Certificate No. KG 417/043.CN.02.00249
	Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
	Cleanroom	Following ISO 14644-1
	CE	Following 2014/35/EU

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-35/-25	10	11	12
-25/+80	7.5	8.5	9.5
+80/+90	10	11	12

FMM902 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
FMM912.40.01	(1×4.0)C	7.0	54	74
FMM912.60.01	(1×6.0)C	7.5	76	97
FMM912.100.01	(1×10)C	8.5	117	145
FMM912.160.01	(1×16)C	10.0	178	209
FMM912.250.01	(1×25)C	12.0	271	309
FMM912.350.01	(1×35)C	13.5	383	420
FMM912.500.01	(1×50)C	15.0	525	567
FMM912.700.01	(1×70)C	17.5	763	816
FMM912.950.01	(1×95)C	21.0	995	1072
FMM912.1200.01	(1×120)C	22.0	1245	1315
FMM912.1500.01	(1×150)C	24.5	1560	1608
FMM912.1850.01	(1×185)C	27.5	1890	2110

Note: The outer diameters are reference values.

G: With green-yellow earth core

x: Without earth core

FMM917 Motor cables



- TPE outer jacket
- Shielded
- UV-resistance
- Oil-resistant
- Resistant to hydrolysis and microbes
- PVC and halogen-free



Dynamic Information

	Min. bending radius	Moving in cable carriers	7.5 x d
		Flexible moving	6 x d
		Fixed installation	4 x d
	Temperature	Moving in cable carriers	-35°C to +90°C
		Flexible moving	-50°C to +90°C
		Fixed installation	-55°C to +90°C
	v max.	Unsupported	10 m/s
		Gliding	6 m/s
	a max.	80 m/s ²	
	Travel distance	Unsupported travels and up to 400 m for gliding applications	












Cable structure

	Conductor	Cross-sectional < 10 mm ² : Stranded conductor in especially bending-resistant version consisting of bare copper wires (according to DIN EN 60228). Cross-sectional ≥ 10 mm ² : Conductor cable consisting of pre-leads (according to DIN EN 60228).
	Conductor insulation	Mechanically high-quality, especially low-capacitance XLPE mixture.
	Conductor construction	Cores wound with a short pitch length around a high tensile strength centre element.
	Color code	Black cores with white numbers, one green-yellow core. Core1: U/L1/C/L+ Core2: V/L2 Core3: W/L3/D/L- Core4: 4/N
	Inner jacket	TPE mixture adapted to suit the requirements in cable carriers.
	Overall shield	Bending-resistant braiding made of tinned copper wires. Coverage linear approx. 70 %, optical approx. 90 %
	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in cable carriers. Color: black RAL 9005

Electrical Information

	Nominal voltage	U_0/U : 600/1000 V (following VDE0298-3)
	Test voltage	4000 V (following EN50395)

Properties and approvals

	UV-resistance	High
	Hydrolysis-resistance	High
	Cold-resistant	-55°C
	Oil resistance	Oil-resistant (following IEC60811-404, tested by SGS), bio-oil-resistant (following VDMA24568, tested by SGS)
	Halogen-free	Following DIN EN 60754
	REACH	According to the regulation (EC) No. 1907/2006 (REACH)
	EAC	Certificate No. KG 417/043.CN.02.00249
	Lead-free	Following 2015/863/EU (RoHS-II Tested by SGS)
	Cleanroom	Following ISO 14644-1
	CE	Following 2014/35/EU
	UL	Following UL22188, 1000V, 80°C

Guaranteed service life

Double strokes	5 million times	7.5 million times	10 million times
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-35/-25	10	11	12
-25/+80	7.5	8.5	9.5
+80/+90	10	11	12

FMM917 Motor cables

Part No.	Number of cores and conductor nominal cross-section [mm]	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
FMM917.15.04	(4G1.5)C	10	89	140
FMM917.25.04	(4G2.5)C	11.5	133	198
FMM917.40.04	(4G4.0)C	13	203	280
FMM917.60.04	(4G6.0)C	16	288	409
FMM917.100.04	(4G10)C	18.5	468	613
FMM917.160.04	(4G16)C	23	738	943
FMM917.250.04	(4G25)C	27	1153	1432

Note: The outer diameters are reference values.

G: With green-yellow earth core

x: Without earth core