



**ÖLFLEX® TRAIN GKW C MC**



**Info**

- Meets EN 50306-4 class P, type MM
- High temperature resistance : -40°C up to +125°C
- Highly oil- and fuel-resistant



**Benefits**

- Easy to strip and to dismantle
- Resistant to mechanical influences in harsh environmental conditions
- Expanded temperature range
- Reduced formation of toxic gases and fire spreading in the event of fire increase the protection against damage to persons and property

**Application range**

- For fixed and protected installations inside or outside of railed vehicles and buses
- Suitable for the connection of fixed and moving objects such as lamps, heating, electrical equipment, wiring of vehicles, terminal boxes and power supply

**Product features**

- Halogen-free (IEC 60754-1) & No corrosive gases (IEC 60754-2)
- No toxic gases (EN 50305, BS 6853)

- Low smoke density (IEC 61034-2)
- Flame retardant (IEC 60332-1-2)
- No fire spreading (EN 50305, BS6853)

**Norm references / Approvals**

- EN 50306-4, type MM
- BS 6853 ( Interior use Ia, Ib, & Exterior use Ia, Ib, )
- EN 45545-2 HL1, HL2, HL3
- Compliant with NFPA 130

**Product Make-up**

- Conductor : Tinned copper strand, special round conductor
- Insulation : Electron beam cross-linked polyolefin copolymer
- Colour of insulation : black with white numbers
- Braiding : Tinned copper braid
- Outer sheath : Electron beam cross-linked polyolefin copolymer, Black colour

**Technical data**



**Conductor stranding**  
Fine wired acc. to EN 50306-2 (SRC=Special Round Conductor)



**Minimum bending radius**  
Fixed installation : 4 x OD, 3 x OD for careful bending, once at connecting terminal



**Nominal voltage**  
U<sub>0</sub>/U AC 300 / 500 V, Um AC 600V, Vo DC 450V



**Temperature range**  
Fixed installation : -40°C up to +125°C max.  
Occasional flexing : -35°C up to +90°C max.

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX TRAIN GKW C MC</b>				
85161401	2 X 0.5	4.5	19.4	31
85161402	3 X 0.5	4.7	24.9	38
85161403	4 X 0.5	5.1	30.9	45
85161404	6 X 0.5	5.8	43.0	61
85161405	8 X 0.5	6.8	61.3	84
85161406	2 X 0.75	5.0	25.7	39
85161407	3 X 0.75	5.2	33.8	48
85161408	4 X 0.75	5.6	42.2	58
85161409	6 X 0.75	6.6	65.4	86
85161410	8 X 0.75	7.6	84.0	110
85161411	12 X 0.75	8.6	115.6	152
85161412	2 X 1.0	5.2	31.5	44
85161413	3 X 1.0	5.5	42.0	56
85161414	4 X 1.0	5.9	52.9	68
85161415	6 X 1.0	7.1	81.8	100
85161416	8 X 1.0	8.3	105.4	133
85161417	2 X 1.2	5.9	38.2	55
85161418	3 X 1.2	6.2	52.3	82
85161419	4 X 1.2	6.8	70.3	93
85161420	2 X 1.5	6.1	44.1	62
85161421	3 X 1.5	6.6	65.6	86
85161422	4 X 1.5	7.2	82.2	106
85161423	5 X 1.5	8.0	97.9	131
85161424	6 X 1.5	8.6	117.3	151
85161425	8 X 1.5	9.9	152.0	197
85161426	4 X 2.0	8.1	107.1	133
85161427	2 X 2.5	7.7	75.5	102
85161428	3 X 2.5	8.2	102.1	132
85161429	4 X 2.5	8.9	129.8	165

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

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