



**ÖLFLEX® TRAIN 9GKW**

**Info**

- Meets EN 50264-3-1 type OM
- High temperature resistance : -40°C up to +125°C
- Highly oil- and fuel-resistant



**Benefits**

- High flexibility and slim diameters enable small bending radii at fixed installation
- Resistant to mechanical influences in harsh environmental conditions
- Expanded temperature range
- Excellent chemical resistance and high Flammability rating as well
- 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
- For connection of stationary and moving parts
- Suitable for cabling of switchboards, converters, panel units and rheostatic braking blocks

**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 50264-3-1, type OM
- 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, fine wired
- Inner Insulation : Electron beam cross-linked polyolefin copolymer, Natural colour
- Outer Insulation : Electron beam cross-linked polyolefin copolymer
- Outer Insulation colour : Black or green-yellow

**Technical data**

- Conductor stranding**  
Fine wired acc. to IEC 60228 class 5
- Minimum bending radius**  
Fixed installation :  $\leq 12 : 4 \times OD / 3 \times OD^*$ ,  $> 12 : 5 \times OD / 4 \times OD^*$ , \* for careful bending, once at connecting terminal
- Nominal voltage**  
 $U_0/U_{AC} 3.6 / 6.0$  kV,  $U_m$  AC 7.2kV,  $V_0$  DC 5.4kV
- 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]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX TRAIN 9GKW</b>					
85167001	1 X 2.5	5.0	black	24.0	47
85167002	1 X 4	5.8	black	38.4	64
85167003	1 X 6	6.3	black	57.6	86
85167004	1 X 10	7.7	black	96.0	138
85167005	1 X 16	9.6	black	153.6	220
85167006	1 X 25	11.1	black	240.0	314
85167007	1 X 35	12.7	black	336.0	427
85167008	1 X 50	15.3	black	480.0	605
85167009	1 X 70	17.4	black	672.0	814
85167010	1 X 95	19.3	black	912.0	1,056
85167011	1 X 120	21.4	black	1,152.0	1,308
85167012	1 X 150	23.6	black	1,440.0	1,595
85167013	1 X 185	25.6	black	1,776.0	1,942
85167014	1 X 240	28.9	black	2,304.0	2,513
85167015	1 X 300	32.0	black	2,880.0	3,137
85167021	1 X 2.5	5.0	green-yellow	24.0	47
85167022	1 X 4	5.8	green-yellow	38.4	64
85167023	1 X 6	6.3	green-yellow	57.6	86
85167024	1 X 10	7.7	green-yellow	96.0	138
85167025	1 X 16	9.6	green-yellow	153.6	220
85167026	1 X 25	11.1	green-yellow	240.0	314
85167027	1 X 35	12.7	green-yellow	336.0	427
85167028	1 X 50	15.3	green-yellow	480.0	605
85167029	1 X 70	17.4	green-yellow	672.0	814
85167030	1 X 95	19.3	green-yellow	912.0	1,056
85167031	1 X 120	21.4	green-yellow	1,152.0	1,308
85167032	1 X 150	23.6	green-yellow	1,440.0	1,595
85167033	1 X 185	25.6	green-yellow	1,776.0	1,942
85167034	1 X 240	28.9	green-yellow	2,304.0	2,513
85167035	1 X 300	32.0	green-yellow	2,880.0	3,137

• 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.