



SPEZIALKABEL / SPEZIALLEITUNGEN

KENFLAM 70 HSLH-JZ

halogen-free machine control cable with enhanced fire protection properties



conductor material:	stranded bare Cu conductor, fine wire
strand structure:	to VDE 0295 class 5/ IEC 60228 class 5
insulation:	halogen-free compound
cores:	black cores with printed consecutive number coding, green-yellow protective conductor (3 cores and over) in the outer layer, cross-sections 35.0 qmm and over with cores coloured to VDE 0293, special versions without protective conductor: "OZ", cores twisted in layers, with optimal lay lengths
outer sheath:	halogen-free compound
sheath colour:	grey RAL 7001
rated voltage Uo/U:	300/500 V
test voltage:	4000 V
bending radius:	15 x cable diameter
temperature range:	-15°C to +70°C -40°C to +70°C
flame retardant:	to IEC 60332.3
halogen-free:	to IEC 60754-1 and IEC 60754-2
special characteristics:	reduced fire propagation, low smoke emission, low fire load, low corrosiveness, recyclable
application:	Halogen-free, flame retardant control cable with enhanced fire protection properties to prevent increased risks of personal injury or equipment damage. Suitable for fixed installation or flexible applications. For unrestricted mobility without forced movement control and without exposure to tensile load. Used as energy or connection cable in dry and damp environments to meet stringent safety requirements and can therefore be used indoors.

The products and information presented here are for technical calculation only.

They are subject to technical progress and in no way represent the ability of shipment.

Outer diameters are approximately.



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KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
0502050	KENFLAM 70 2 x 0,50 OZ	4,8	9,6	45
0503050	KENFLAM 70 3 x 0,50	5,1	14,4	60
0504050	KENFLAM 70 4 x 0,50	5,7	19,0	70
0505050	KENFLAM 70 5 x 0,50	6,2	24,0	90
0507050	KENFLAM 70 7 x 0,50	7,4	33,6	125
0508050	KENFLAM 70 8 x 0,50	8,0	38,0	140
0510050	KENFLAM 70 10 x 0,50	8,8	48,0	160
0512050	KENFLAM 70 12 x 0,50	9,1	58,0	180
0516050	KENFLAM 70 16 x 0,50	10,0	75,0	215
0518050	KENFLAM 70 18 x 0,50	10,7	86,0	280
0520050	KENFLAM 70 20 x 0,50	11,2	96,0	310
0525050	KENFLAM 70 25 x 0,50	13,0	120,0	330
0530050	KENFLAM 70 30 x 0,50	13,5	144,0	390
0534050	KENFLAM 70 34 x 0,50	14,5	163,2	420
0537050	KENFLAM 70 37 x 0,50	15,0	178,0	480
0541050	KENFLAM 70 41 x 0,50	15,8	197,0	510
0542050	KENFLAM 70 42 x 0,50	15,8	202,0	530
0550050	KENFLAM 70 50 x 0,50	17,3	240,0	580
0561050	KENFLAM 70 61 x 0,50	19,4	293,0	980
0565050	KENFLAM 70 65 x 0,50	19,4	312,0	1020
0502075	KENFLAM 70 2 x 0,75 OZ	5,2	14,4	60
0503075	KENFLAM 70 3 x 0,75	5,5	21,6	75
0504075	KENFLAM 70 4 x 0,75	6,2	29,0	100
0505075	KENFLAM 70 5 x 0,75	6,8	36,0	125
0507075	KENFLAM 70 7 x 0,75	8,1	50,0	170
0508075	KENFLAM 70 8 x 0,75	8,9	58,0	190
0510075	KENFLAM 70 10 G 0,75	9,6	72,0	215
0512075	KENFLAM 70 12 x 0,75	9,9	86,0	250
0516075	KENFLAM 70 16 x 0,75	11,5	115,0	330
0518075	KENFLAM 70 18 x 0,75	11,9	130,0	360
0520075	KENFLAM 70 20 x 0,75	12,6	144,0	500
0525075	KENFLAM 70 25 x 0,75	14,5	180,0	698
0530075	KENFLAM 70 30 x 0,75	15,4	216,0	720
0534075	KENFLAM 70 34 x 0,75	16,4	245,0	770
0537075	KENFLAM 70 37 x 0,75	17,2	260,0	795
0541075	KENFLAM 70 41 x 0,75	17,6	296,0	800
0542075	KENFLAM 70 42 x 0,75	17,6	302,0	840
0550075	KENFLAM 70 50 x 0,75	19,8	360,0	990
0561075	KENFLAM 70 61 x 0,75	20,9	439,0	1280
0565075	KENFLAM 70 65 x 0,75	21,5	468,0	1330



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0502100	KENFLAM 70 2 x 1,00 OZ	5,5	19,2	66
0503100	KENFLAM 70 3 x 1,00	6,0	29,0	90
0504100	KENFLAM 70 4 x 1,00	6,6	38,4	120
0505100	KENFLAM 70 5 x 1,00	7,2	48,0	146
0507100	KENFLAM 70 7 x 1,00	8,6	67,0	210
0508100	KENFLAM 70 8 x 1,00	9,4	77,0	225
0510100	KENFLAM 70 10 x 1,00	10,4	96,0	270
0512100	KENFLAM 70 12 x 1,00	10,7	115,0	303
0516100	KENFLAM 70 16 x 1,00	12,0	154,0	406
0518100	KENFLAM 70 18 x 1,00	12,7	173,0	425
0520100	KENFLAM 70 20 x 1,00	13,5	192,0	505
0525100	KENFLAM 70 25 x 1,00	15,6	240,0	600
0534100	KENFLAM 70 34 x 1,00	17,4	326,0	776
0537100	KENFLAM 70 37 x 1,00	18,4	355,0	833
0541100	KENFLAM 70 41 x 1,00	18,9	394,0	925
0542100	KENFLAM 70 42 x 1,00	18,9	403,0	950
0550100	KENFLAM 70 50 x 1,00	21,0	480,0	1030
0561100	KENFLAM 70 61 x 1,00	22,2	586,0	1140
0565100	KENFLAM 70 65 x 1,00	22,8	628,0	1304
0502150	KENFLAM 70 2 x 1,50 OZ	6,3	29,0	100
0503150	KENFLAM 70 3 x 1,50	6,7	43,0	120
0504150	KENFLAM 70 4 x 1,50	7,3	58,0	155
0505150	KENFLAM 70 5 x 1,50	8,2	72,0	200
0507150	KENFLAM 70 7 x 1,50	9,8	101,0	208
0508150	KENFLAM 70 8 x 1,50	10,6	115,0	340
0510150	KENFLAM 70 10 x 1,50	11,7	144,0	360
0512150	KENFLAM 70 12 x 1,50	12,1	173,0	375
0516150	KENFLAM 70 16 x 1,50	13,6	230,0	440
0518150	KENFLAM 70 18 x 1,50	14,5	259,0	590
0520150	KENFLAM 70 20 x 1,50	15,2	288,0	680
0525150	KENFLAM 70 25 x 1,50	17,8	360,0	801
0534150	KENFLAM 70 34 x 1,50	19,8	490,0	1050
0537150	KENFLAM 70 37 x 1,50	20,2	533,0	1140
0550150	KENFLAM 70 50 x 1,50	23,7	720,0	1410
0561150	KENFLAM 70 61 x 1,50	25,3	878,0	1630
0565150	KENFLAM 70 65 x 1,50	26,0	936,0	1810
0502250	KENFLAM 70 2 x 2,50 OZ	7,6	48,0	150
0503250	KENFLAM 70 3 x 2,50	8,3	72,0	180
0504250	KENFLAM 70 4 x 2,50	9,1	96,0	236
0505250	KENFLAM 70 5 x 2,50	10,2	120,0	296



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0507250	KENFLAM 70 7 x 2,50	12,1	168,0	363
0508250	KENFLAM 70 8 x 2,50	13,2	192,0	378
0510250	KENFLAM 70 10 x 2,50	14,7	240,0	444
0512250	KENFLAM 70 12 x 2,50	15,2	288,0	571
0516250	KENFLAM 70 16 x 2,50	17,5	384,0	730
0518250	KENFLAM 70 18 x 2,50	18,1	432,0	800
0520250	KENFLAM 70 20 x 2,50	18,7	480,0	1070
0525250	KENFLAM 70 25 x 2,50	22,2	600,0	1100
0530250	KENFLAM 70 30 x 2,50	23,7	720,0	1280
0534250	KENFLAM 70 34 x 2,50	24,3	816,0	1290
0502400	KENFLAM 70 2 x 4,00 OZ	9,8	77,0	199
0503400	KENFLAM 70 3 x 4,00	10,6	115,0	282
0504400	KENFLAM 70 4 x 4,00	11,7	154,0	369
0505400	KENFLAM 70 5 x 4,00	13,2	192,0	444
0507400	KENFLAM 70 7 x 4,00	16,0	269,0	525
0508400	KENFLAM 70 8 x 4,00	17,8	307,0	603
0510400	KENFLAM 70 10 x 4,00	19,6	384,0	798
0512400	KENFLAM 70 12 x 4,00	20,2	461,0	984
0516400	KENFLAM 70 16 x 4,00	22,8	614,0	1350
0518400	KENFLAM 70 18 x 4,00	24,2	691,0	1510
0502600	KENFLAM 70 2 x 6,00 OZ	12,0	115,0	266
0503600	KENFLAM 70 3 x 6,00	12,7	173,0	399
0504600	KENFLAM 70 4 x 6,00	14,1	230,0	590
0505600	KENFLAM 70 5 x 6,00	15,8	288,0	715
0507600	KENFLAM 70 7 x 6,00	17,6	403,0	963
0521000	KENFLAM 70 2 x 10,0 OZ	15,0	192,0	490
0531000	KENFLAM 70 3 x 10,0	16,2	288,0	750
0541000	KENFLAM 70 4 x 10,0	18,0	384,0	908
0551000	KENFLAM 70 5 x 10,0	19,8	480,0	1120
0571000	KENFLAM 70 7 x 10,0	22,5	672,0	1460
0521600	KENFLAM 70 2 x 16,0 OZ	17,3	307,0	665
0531600	KENFLAM 70 3 x 16,0	18,7	461,0	998
0541600	KENFLAM 70 4 x 16,0	20,6	614,0	1338
0551600	KENFLAM 70 5 x 16,0	23,5	768,0	1485
0571600	KENFLAM 70 7 x 16,0	26,2	1075,2	1869
0532500	KENFLAM 70 3 x 25,0	24,5	720,0	1245
0542500	KENFLAM 70 4 x 25,0	27,7	960,0	1661
0552500	KENFLAM 70 5 x 25,0	30,8	1200,0	2099
0533500	KENFLAM 70 3 x 35,0 JB	29,8	1008,0	1664
0543500	KENFLAM 70 4 x 35,0 JB	33,7	1344,0	2210
0553500	KENFLAM 70 5 x 35,0 JB	37,7	1680,0	2765
0535000	KENFLAM 70 3 x 50,0 JB	33,8	1440,0	2678
0545000	KENFLAM 70 4 x 50,0 JB	38,0	1920,0	3087



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0555000	KENFLAM 70 5 x 50,0 JB	42,1	2400,0	4133
0537000	KENFLAM 70 3 x 70,0 JB	40,2	2016,0	3339
0547000	KENFLAM 70 4 x 70,0 JB	44,2	2688,0	4295
0557000	KENFLAM 70 5 x 70,0 JB	48,2	3360,0	5715
0539500	KENFLAM 70 3 x 95,0 JB	46,6	2736,0	4914
0549500	KENFLAM 70 4 x 95,0 JB	51,2	3648,0	5817
0559500	KENFLAM 70 5 x 95,0 JB	56,3	4560,0	7278
05312000	KENFLAM 70 3 x 120,0 JB	49,8	3456,0	5515
05412000	KENFLAM 70 4 x 120,0 JB	54,8	4608,0	7350