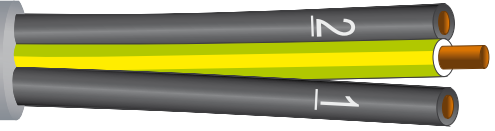


UNIATOX® 800

Cavi segnalamento e comando privi di alogeni
Halogen-free command and signal cables

UNIKA **UNIATOX**® 800 LOW SMOKE ZERO HALOGEN CE



	Dati tecnici	Technical data
Conduttore Conductor	1 Rame rosso secondo CEI EN 60228 (CEI 20-29) classe 5	Bare copper complying with CEI EN 60228 (CEI 20-29) class 5
Isolamento Insulation	2 Speciale compound privo di alogeni Nero nemerato + Giallo/Verde conforme a: VDE 0293, CEI UNEL 00725 Colorato + Giallo/Verde conforme a CEI UNEL 00722	Special halogen-free compound Black, numbered + yellow/Green as per VDE 0293, CCEI UNEL 00725 Colored + Yellow/Green as per HD 308
Guaina Sheath	3 Speciale compound privo di alogeni di qualità M1 conforme a CEI 20-11 colore grigio RAL 7001	Special halogen-free compound M1 quality according to CEI 20-11 grey RAL 7001
Temperatura di lavoro Operating temperature	Posa fissa -30 + 80 °C	Fixed application -30 + 80 °C
	Posa flessibile -5 + 70 °C	Flexible application -5 + 70 °C
Tensione lavoro Voltage	U ₀ /U 300/500 V conforme a: CEI 20-20, HD 21	U ₀ /U 300/500 V as per CEI 20-20, HD 21
Tensione di prova Test voltage	V=2000 V conforme a CEI 20-20	V=2000 V as per CEI 20-20
Raggio minimo di curvatura Minimum bending radius	15 x diametro	15 x diameter
Comportamento al fuoco Fire behaviour	Conforme a: IEC60332-3C	As per IEC60332-3C
Assenza di alogenidrici Non-halogen	Conforme a: CEI 20-37/2-1	As per CEI 20-37/2-1
Indice tossicità Toxicity index	Conforme a: CEI 20-37/4-0	As per CEI 20-37/4-0
Densità fumi Smoke density	Conforme a: CEI 20-37/3-1, IEC 61034-1, IEC 61034-2	As per CEI 20-37/3-1, IEC 61034-1, IEC 61034-2
Acidità fumi Smoke acidity	Conforme a: CEI 20-37/2-2, IEC 60754-2	As per CEI 20-37/2-2, IEC 60754-2

I cavi **UNIATOX 800** (disponibili anche con approvazione SEV +++++ N03Z1Z1-F e N05Z1Z1-F) sono costituiti da miscele non propaganti l'incendio (IEC 60332-3) prive di alogeni e di sostanze che possano generare gas tossici e corrosivi, diossine o acidi alogenidrici in caso di combustione, e possono quindi essere impiegati in locali dove sono concentrate numerose persone e il rischio di incendio è elevato. La tutela della salute delle persone si unisce alla tutela dell'ambiente, grazie alla possibilità di riciclare i cavi dopo l'utilizzo, e alla possibilità di salvaguardare gli edifici da ingenti danni materiali evitando la formazione di acidi in fase di combustione. Questo cavo halogen-free e antifiamma è utilizzato per la misurazione e il controllo in macchine utensili, nastri trasportatori, linee di montaggio e nell'installazione di impianti e in sistemi di condizionamento. Adatto a installazioni fisse e mobili eseguite senza forzature e con movimenti liberi, il cavo sopporta medie sollecitazioni meccaniche.

The cables **UNIATOX 800** (also available with SEV approval +++++ N03Z1Z1-F and N05Z1Z1-F) are made of halogen-free compounds (fire retardant IEC 60332-3) and other substances that in case of fire do not release toxic or corrosive gases, dioxins or halogenhydric acids. These cables are therefore suitable for populated areas as well as sites where risk of fire is high. Health protection goes along with environmental protection: these cables can be fully recycled after usage, and since no release of acid substances occurs in case of fire, the risk of severe building damages is considerably reduced. This kind of halogen-free, flame resistant cable is also used for control and measuring purposes in machine tools, roller conveyors, assembly lines, plant installations and ventilation systems. Indicated both for fixed and mobile installations with easy assembly movements, it withstands moderate mechanical stress.



ref. n°:
 code:
 revision number:
 logo / sheet:
 unit of measure:

cavo tipo/cable type: UNIATOX 800
 costruzione cavo/cable structure:
 cliente/customer:

data/date rev. n° modifiche / changes

UNIKATECH

QUESTO DISSEGNO È ESCLUSIVA PROPRIETÀ DI UNIKA E NE VIETATA LA RIPRODUZIONE ANCHE PARZIALE O LA VISIONE A TERZI A TERMINI DI LEGGE

THIS DRAWING IS THE PROPERTY OF UNIKA Special Cables S.p.A. AND CANNOT BE REPRODUCED UNLESS AUTHORIZED

code	name	diametro	massa	massa
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
2X0,5	4,8	9,0	41,0	
3G0,5	5,1	13,0	47,0	
4G0,5	5,7	18,0	56,0	
5G0,5	6,2	22,0	67,0	
7G0,5	7,0	31,0	83,0	
10G0,5	8,8	44,0	130,0	
12G0,5	9,1	53,0	149,0	
14G0,5	9,5	62,0	165,0	
16G0,5	10	71,0	184,0	
18G0,5	10,7	80,0	209,0	
25G0,5	13,0	111,0	288,0	
34G0,5	14,8	151,0	380,0	
37G0,5	14,8	164,0	391,0	
2G0,75	5,2	13,0	49,0	
3G0,75	5,5	20,0	58,0	
4G0,75	6,2	27,0	72,0	
5G0,75	6,8	33,0	85,0	
7G0,75	8,1	47,0	106,0	
10G0,75	9,6	67,0	164,0	
12G0,75	9,9	80,0	183,0	
14G0,75	10,6	93,0	207,0	
16G0,75	11,2	107,0	232,0	
18G0,75	11,9	120,0	257,0	
25G0,75	14,2	167,0	373,0	
34G0,75	16,1	227,0	489,0	
37G0,75	16,1	247,0	506,0	
2X1,0	5,5	18,0	58,0	

code	name	diametro	massa	massa
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
3G1,0	6,0	27,0	69,0	
4G1,0	6,6	36,0	87,0	
5G1,0	7,2	44,0	103,0	
7G1,0	8,2	62,0	133,0	
10G1,0	10,4	89,0	199,0	
12G1,0	10,7	107,0	229,0	
14G1,0	11,2	124,0	253,0	
16G1,0	12	142,0	290,0	
18G1,0	12,7	160,0	333,0	
25G1,0	15,6	222,0	263,0	
34G1,0	17,4	302,0	619,0	
37G1,0	17,4	329,0	642,0	
2X1,5	6,3	27,0	87,0	
3G1,5	6,7	40,0	103,0	
4G1,5	7,3	53,0	123,0	
5G1,5	8,2	67,0	145,0	
7G1,5	9,8	93,0	192,0	
10G1,5	11,7	133,0	306,0	
12G1,5	12,1	160,0	338,0	
14G1,5	13,4	187,0	386,0	
16G1,5	13,6	213,0	453,0	
18G1,5	14,5	240,0	494,0	
25G1,5	17,8	333,0	699,0	
34G1,5	19,8	453,0	938,0	
37G1,5	19,8	493,0	970,0	
2X2,5	7,6	44,0	129,0	
3G2,5	8,3	67,0	14,9	

code	name	diametro	massa	massa
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
code	name	est. no	mass	ca. cable mass
4G2,5	9,1	89,0	194,0	
5G2,5	10,2	111,0	235,0	
7G2,5	11,7	156,0	315,0	
10G2,5	14,8	222,0	496,0	
12G2,5	15,2	267,0	534,0	
14G2,5	16,2	311,0	629,0	
16G2,5	17,2	356,0	720,0	
18G2,5	18,3	400,0	801,0	
25G2,5	22	556,0	1111,0	
34G2,5	25,1	756,0	1507,0	
37G2,5	25,1	822,0	1557,0	
3G4,0	10	107,0	225,0	
4G4,0	10,9	142,0	285,0	
5G4,0	12,2	178,0	343,0	
7G4,0	13,5	249,0	457,0	
3G6,0	12,4	160,0	309,0	
4G6,0	13,8	213,0	393,0	
5G6,0	15,7	267,0	442,0	
4G10,0	18	356,0	727,0	
4G16,0	21,4	569,0	1053,0	
4G25,0	25	889,0	1570,0	
4G35,0	30,2	1245,0	2031,0	
4G50,0	34,7	1778,0	2857,0	

Cavi controllo, segnalamento e comando • Control, signal and command cables