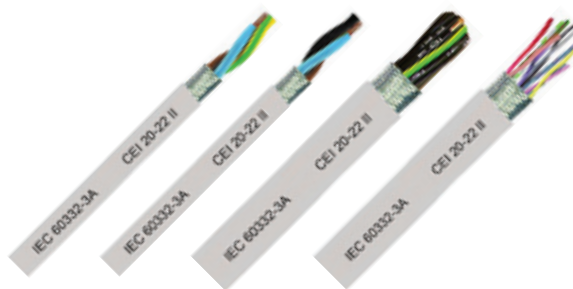


# MP-BK



## PVC, CEI 20-22 II shielded

**Description.** Conductor insulation: special PVC, separation soft tape, tinned copper braid, min. coverage 85%, EMC 89/336/EC. Outer sheath: special PVC.

**Application.** Suitable for industrial application connection. It reduces EMI (Electromagnetic Interferences) noises up to 100 kHz caused by power lines and by inductive circuits such as electrovalves, motors, transformers, etc., see paragraph "Signal Transmission Noises" in the section "General Information". Moderate resistance to common oils. Flame resistance degree: CEI 20-22 II and IEC 60332-3A. Limited resistance to abrasion.

**Max working voltage:** 300 V. **Test voltage:** 1500 V up to 0,25 mm<sup>2</sup>, 2000 V over.

**Note to table:**

- (a) example: 3 = three wires; 2+1 = two wires + yellow/green earth; s = shielding.
- (b) colours: A = brown, blue, black, white, grey; yellow/green earth if present.  
C = according to IEC 60304 (former DIN 47100), see section "General Information".  
N = black with white numbers; yellow/green earth if present.
- (c) DIN / VDE cable construction classification.

## PVC, CEI 20-22 II con schermo

**Descrizione.** Isolante conduttori: PVC speciale, nastro morbido di separazione, schermo a treccia in rame stagnato, copertura minima 85%, EMC 89/336/CE. Guaina esterna: PVC speciale.

**Impiego.** Adatto per collegamenti in macchinari industriali. Riduce disturbi EMI (Interferenze Elettromagnetiche) fino a 100 kHz generati da linee di potenza e da circuiti induttivi come elettrovalvole, motori, trasformatori, ecc., v. paragrafo "Disturbi di Trasmissione Segnali" nella sezione "Informazioni Generali". Moderata resistenza agli oli comuni. Grado di resistenza alla fiamma: CEI 20-22 II e IEC 60332-3A. Limitata resistenza all'abrasione.

**Tensione massima di lavoro:** 300V. **Tensione di prova:** 1500V fino a 0,25mm<sup>2</sup>, 2000V oltre.

**Note alla tabella:**

- (a) esempio: 3 = tre conduttori; 2+1 = due conduttori + terra giallo/verde; s = schermo.
- (b) colori: A = marrone, blu, nero, bianco, grigio; terra giallo/verde se presente.  
C = secondo IEC 60304 (ex DIN 47100), vedere sezione "Informazioni Generali".  
N = nero con numeri bianchi; terra giallo/verde se presente.
- (c) classificazione DIN / VDE della costruzione del cavo.

Formation Formazione	Descriptive code Codice descrittivo	Short code Codice breve	Refer. or style Rifer. o style	Sheath colour Colore guaina	Wires colour Colore cond.	Copper class Classe rame	Static application Applicazione statica	Dynamic application Applicazione dinamica	Note Nota
n x mm <sup>2</sup> (a)			(c)	RAL	(b)	IEC 60228	°C	°C	
<b>MP-BK7</b>									
0,50	[2x0,50]s	MP-BK74-02XC5	407	LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(2+1)x0,50]s	MP-BK74-03GA5	480	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[3x0,50]s	MP-BK74-03XA5	481	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(3+1)x0,50]s	MP-BK74-04GA5	482	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[4x0,50]s	MP-BK74-04XA5	483	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(4+1)x0,50]s	MP-BK74-05GA5	484	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[5x0,50]s	MP-BK74-05XA5	485	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[6x0,50]s	MP-BK74-06XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(6+1)x0,50]s	MP-BK74-07GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[7x0,50]s	MP-BK74-07XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[8x0,50]s	MP-BK74-08XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(9+1)x0,50]s	MP-BK74-10GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[10x0,50]s	MP-BK74-10XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(11+1)x0,50]s	MP-BK74-12GN5	498	LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[12x0,50]s	MP-BK74-12XC5	488	LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[14x0,50]s	MP-BK74-14XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(15+1)x0,50]s	MP-BK74-16GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[16x0,50]s	MP-BK74-16XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
[(17+1)x0,50]s	MP-BK74-18GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II	
[18x0,50]s	MP-BK74-18XC5	489	LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II	
[20x0,50]s	MP-BK74-20XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II	
[25x0,50]s	MP-BK74-25XC5	490	LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II	
[37x0,50]s	MP-BK74-37XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II	
0,75	[2x0,75]s	MP-BK75-02XA5	546	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(2+1)x0,75]s	MP-BK75-03GA5	551	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[3x0,75]s	MP-BK75-03XA5	552	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(3+1)x0,75]s	MP-BK75-04GA5	555	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[4x0,75]s	MP-BK75-04XA5	556	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(4+1)x0,75]s	MP-BK75-05GA5	557	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[5x0,75]s	MP-BK75-05XA5	558	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[6x0,75]s	MP-BK75-06XC5	559	LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(6+1)x0,75]s	MP-BK75-07GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[7x0,75]s	MP-BK75-07XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[8x0,75]s	MP-BK75-08XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(9+1)x0,75]s	MP-BK75-10GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[10x0,75]s	MP-BK75-10XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(11+1)x0,75]s	MP-BK75-12GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[12x0,75]s	MP-BK75-12XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[14x0,75]s	MP-BK75-14XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
	[(15+1)x0,75]s	MP-BK75-16GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II
	[16x0,75]s	MP-BK75-16XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II
[(17+1)x0,75]s	MP-BK75-18GN5		LiYCY	gy 7035	N	5	-25...+ 80	CEI 20-22 II	
[18x0,75]s	MP-BK75-18XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II	
[20x0,75]s	MP-BK75-20XC5		LiYCY	gy 7035	C	5	-25...+ 80	CEI 20-22 II	
1,00	[2x1,00]s	MP-BK76-02XA5	650	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(2+1)x1,00]s	MP-BK76-03GA5	651	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[3x1,00]s	MP-BK76-03XA5	652	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(3+1)x1,00]s	MP-BK76-04GA5	655	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[4x1,00]s	MP-BK76-04XA5	656	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II
	[(4+1)x1,00]s	MP-BK76-05GA5	657	LiYCY	gy 7035	A	5	-25...+ 80	CEI 20-22 II

Formation Formazione	Descriptive code Codice descrittivo	Short code Codice breve	Refer. or style Rifer. o style	Sheath colour Colore guaina	Wires colour Colore cond.	Copper class Classe rame	Static application Applicazione statica	Dynamic application Applicazione dinamica	Note Nota
n x mm <sup>2</sup> (a)			(c)	RAL	(b)	IEC 60228	°C	°C	
1,00	[5x1,00]s	MP-BK76-05XA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II
	[6x1,00]s	MP-BK76-06XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[(6+1)x1,00]s	MP-BK76-07GN5	LIYCY	gy 7035	N	5	-25...+ 80		CEI 20-22 II
	[7x1,00]s	MP-BK76-07XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[8x1,00]s	MP-BK76-08XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[(9+1)x1,00]s	MP-BK76-10GN5	LIYCY	gy 7035	N	5	-25...+ 80		CEI 20-22 II
	[10x1,00]s	MP-BK76-10XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[(11+1)x1,00]s	MP-BK76-12GN5	LIYCY	gy 7035	N	5	-25...+ 80		CEI 20-22 II
	[12x1,00]s	MP-BK76-12XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[14x1,00]s	MP-BK76-14XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[(15+1)x1,00]s	MP-BK76-16GN5	LIYCY	gy 7035	N	5	-25...+ 80		CEI 20-22 II
	[16x1,00]s	MP-BK76-16XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[(17+1)x1,00]s	MP-BK76-18GN5	LIYCY	gy 7035	N	5	-25...+ 80		CEI 20-22 II
	[18x1,00]s	MP-BK76-18XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[20x1,00]s	MP-BK76-20XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II
	[2x1,50]s	MP-BK77-02XA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II
	[(2+1)x1,50]s	MP-BK77-03GA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II
	[3x1,50]s	MP-BK77-03XA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II
	[(3+1)x1,50]s	MP-BK77-04GA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II
	[4x1,50]s	MP-BK77-04XA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II
[(4+1)x1,50]s	MP-BK77-05GA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II	
[5x1,50]s	MP-BK77-05XA5	LIYCY	gy 7035	A	5	-25...+ 80		CEI 20-22 II	
[6x1,50]s	MP-BK77-06XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II	
[(6+1)x1,50]s	MP-BK77-07GN5	LIYCY	gy 7035	N	5	-25...+ 80		CEI 20-22 II	
[7x1,50]s	MP-BK77-07XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II	
[8x1,50]s	MP-BK77-08XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II	
[(9+1)x1,50]s	MP-BK77-10GN5	LIYCY	gy 7035	N	5	-25...+ 80		CEI 20-22 II	
[10x1,50]s	MP-BK77-10XC5	LIYCY	gy 7035	C	5	-25...+ 80		CEI 20-22 II	