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PATRZ UWAGA 2
SEE NOTE 2

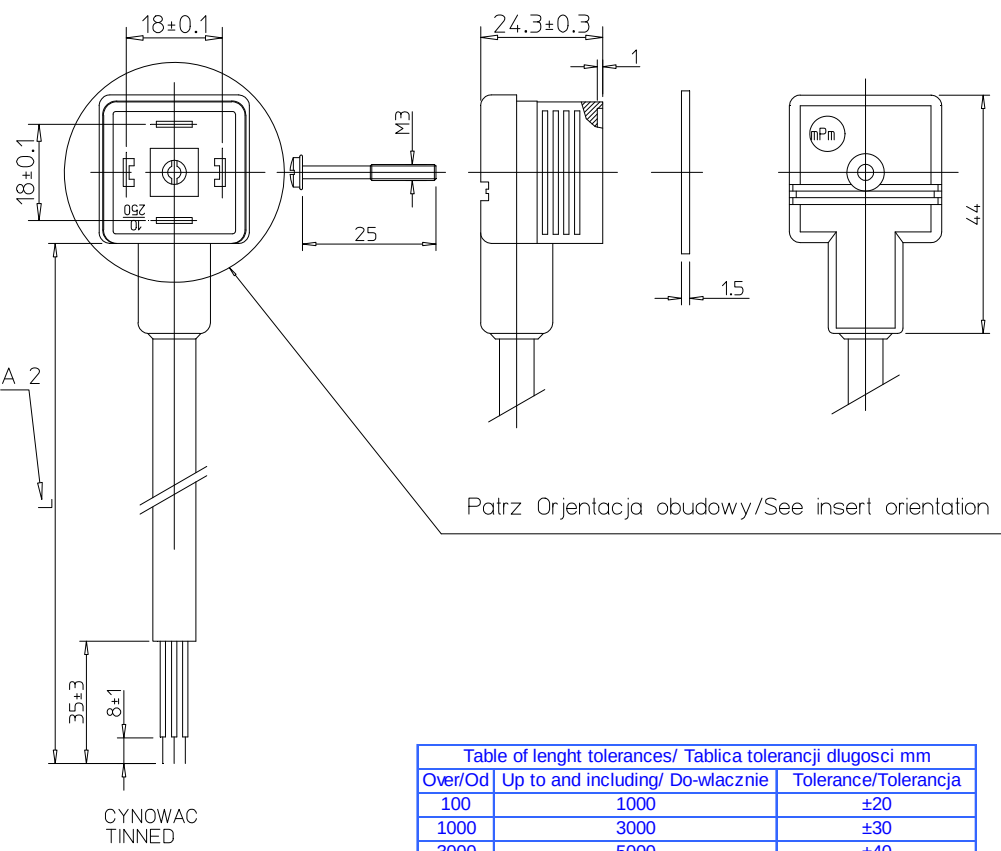
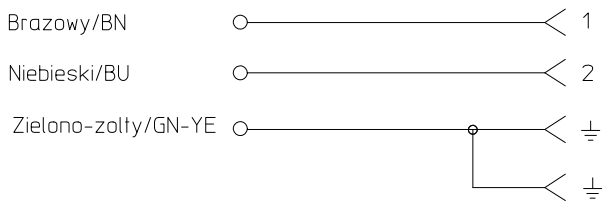
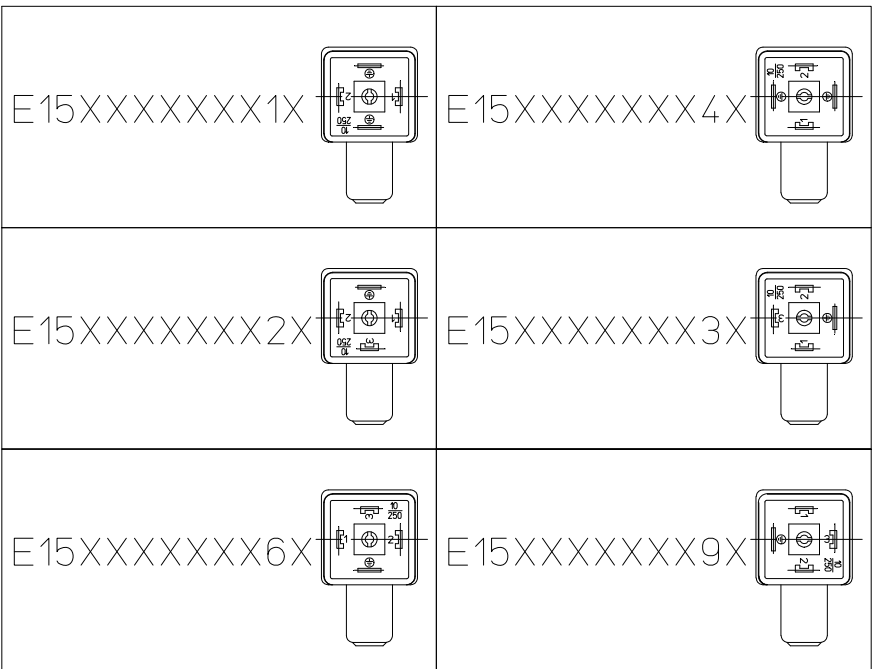


Table of lenght tolerances/ Tablica tolerancji dlugosci mm		
Over/Od	Up to and including/ Do-wlacznie	Tolerance/Tolerancja
100	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

SCHEMAT POLACZEN/WIRING CONFIGURATION



Orientacja obudowy/Insert orientation



- UWAGI:
- DLUGOSCI CIECIA I SPECYFIKACJE NABIJANIA WG LISTY CIECIA.
 - DLUGOSC PATRZ ARKUSZ 2.

- NOTES:
- CUTTING LENGHT AND CRIMPING SPECIFICATION IN CUTTING LIST.
 - LENGHT SEE SHEET 2.

ORIGINAL RELEASE
EC NO:
DRWN:MLEVYTSKY2009/01/21
CH'KD:
APPR:
A

REV

DESCRIPTION
QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± ±
3 PLACES ± ±
2 PLACES ± ±
1 PLACE ± ±
ANGULAR ± °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
DRAWN BY DATE
MLEVYTSKY 2009/01/21
CHECKED BY DATE
APPROVED BY DATE
MWOLSZCZAK 2009/01/21
MATERIAL NO.
SEE CHART 3
SIZE
A3

SCALE
-
DESIGN UNITS
THIRD ANGLE PROJECTION
TITLE
MPM E152XXXXXXXXX
MOLEX INCORPORATED
E152XXXXXXXXX
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DOCUMENT NO.
SHEET NO.
1 OF 4

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TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW.	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180080	I	0	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	A	2	3	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	A	2	5	20 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	B	2	5	20 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	
1210180122	D	2	3	0,5 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
-	F	2	3	0,5 mm2	CNOMO	Szary/Grey RAL7000	5,5+/-0,2 mm	OK.	OK.
1210180047	I	2	2	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
-	I	2	3	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
1210180146	I	2	4	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	6,5+/-0,2 mm	OK.	
1210180177	I	2	5	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7+/-0,2 mm	OK.	
1210180022	N	2	2	0,5 mm2	PVCH03	Czarny/Black	5,1+ 0,2-0 mm	OK.	OK.
1210180064	N	2	3	0,5 mm2	PVCH03	Czarny/Black	5,4+ 0,2-0 mm	OK.	OK.
1210180153	N	2	4	0,5 mm2	PVCH03	Czarny/Black	5,75+0,2-0 mm	OK.	OK.
1210180046	P	2	2	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	P	2	3	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180302	P	2	4	0,5 mm2	PUR - BLEND	Czarny/Black	-	-	-
-	P	2	5	0,5 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	OK.
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	
-	A	3	5	18 AWG	PVC CSA/UL 2661	Czarny/Black	7,8+/-0,2 mm	OK.	
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	4	18 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	
-	B	3	5	18 AWG	PUR CSA/UL 20668	Czarny/Black	7,8+/-0,2 mm	OK.	
1210180073	D	3	3	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180145	D	3	4	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180120	I	3	3	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180143	I	3	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180032	N	3	2	0,75 mm2	PVCH05	Czarny/Black	6,2+ 0,2-0 mm	OK.	
1210180069	N	3	3	0,75 mm2	PVCH05	Czarny/Black	6,6+0,2-0 mm	OK.	
-	N	3	4	0,75 mm2	PVCH05	Czarny/Black	7,15+0,2-0 mm	OK.	
1210180174	N	3	5	0,75 mm2	PVCH05	Czarny/Black	8,0+0,2-0 mm	OK.	
-	P	3	2	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180071	P	3	3	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180152	P	3	4	0,75 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	
1210180384	R	3	3	0,75 mm2	TPR HAL. FREE	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180094	T	3	3	0,75 mm2	PUR CSA/UL	Żółty/Yellow	-	-	-
1210180309	Y	3	3	0,75 mm2	SIL/0300	Czerwony/Red	6,5+/-0,2 mm	-	-
1210180081	F	4	3	1 mm2	CNOMO	Szary/Grey RAL7000	-	-	-
-	F	4	4	1 mm2	CNOMO	Szary/Grey RAL7000	7,1+0,2-0 mm	OK.	
1210180042	I	4	2	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180079	I	4	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180036	N	4	2	1 mm2	PVCH05	Czarny/Black	6,5+0,2-0 mm	OK.	
1210180082	N	4	3	1 mm2	PVCH05	Czarny/Black	6,9+0,2-0 mm	OK.	
1210180117	R	4	3	1 mm2	TPR HAL. FREE	Czarny/Black	-	-	-
1210180085	N	5	3	1,5 mm2	PVCH05	Czarny/Black	8,3+0,2-0 mm	OK.	
1210180313	I	6	2	0,35 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
-	A	7	3	20 AWG	PVC CSA/UL 2661	Żółty/Yellow	5,6+/-0,2 mm	OK.	OK.
1210180149	I	9	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-

TABELA 1 TYPY KABLI/TABLE 1 CABLES TYPE

Znakowanie /Code	Rodzaje kabla /Cable types	Właściwości /Features	Przekroje /Stranding
N	PVC	Kabel z dobrą rezystancją w wodzie ale słabą w oleju./Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm2 = 15 x 0.20 0.75 mm2 = 21 x 0.20 1 mm2 = 28 x 0.20
I	PVC	Zatwierdzone przez IEC 332-2A, samogaszący./Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
P	PVC	Dobra rezystancja w olejach i chemikaljach./Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
A	PVC	Zatwierdzony porzez CSA-UL 2661.Dobra rezystancja na wodę słaba na olej./ Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15
B	PVC	Zatwierdzony przez CSA-UL 20668, bardzo dobra rezystancja w oleju i chemikaljach./ Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15

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ORIGINAL RELEASE

EC NO: DRWN:MLEVYTSKY2009/01/21

CH'KD: APPR:

A

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± ±

3 PLACES ± ±

2 PLACES ± ±

1 PLACE ± ±

ANGULAR ± °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

DRAWN BY DATE

MLEVYTSKY 2009/01/21

CHECKED BY DATE

APPROVED BY DATE

MWOLSZCZAK 2009/01/21

MATERIAL NO.

SEE CHART 3

SIZE

A3

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SCALE

-

DESIGN UNITS

THIRD ANGLE PROJECTION

MPM E152XXXXXXXXXX

MOLEX INCORPORATED

E152XXXXXXXXXX

SHEET NO.

3 OF 4

TABELA 3/CHART 3

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MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N
1210400925	E152A2A05011	1210400085	E152I4N50041	1210400165	E152N3N25011	1210401103	W152N3N5001R
1210400933	E152A3A05511	1210400958	E152I4N60011	1210400168	E152N3N30011	1210401102	W152N3N7001R
1210400923	E152A3A06511	1210400086	E152I4N90041	1210400815	E152N3N3001P	1210401082	W152N4N2001R
1210400048	E152A3A10011	1210400091	E152N2N05011	1210400666	E152N3N35011	1210401124	W152P2N1501P
1210400680	E152A3A10K11	1210400092	E152N2N10011	1210400585	E152N3N40011	1210401101	W152P3N2001R
1210400591	E152A3A13011	1210400614	E152N2N10K11	1210400589	E152N3N50011	1210401104	W152N3N2001R
1210400978	E152A3A16011	1210400644	E152N2N20011	1210400816	E152N3N5001P	1210401113	W152N3N3001R
1210400584	E152A3A20011	1210400794	E152N2N2001P	1210400677	E152N3N50041	1210401101	W152P3N2001R
1210400839	E152A3A5001P	1210400930	E152N2N2004P	1210400741	E152N4N30011	1210400050	E152A3A30011
1210400065	E152I0N10K21	1210400116	E152N3N03511	1210400969	E152N5N3001P	1210400607	E152A3A50011
1210400582	E152I2N10011	1210400120	E152N3N05011	1210401014	E152N5N5004P	1210400965	E152I4N10K1T
1210400067	E152I2N15011	1210400127	E152N3N06011	1210400172	E152P2N20011	1210400096	E152N2N30011
1210400588	E152I2N20011	1210400134	E152N3N07511	1210400176	E152P2N50011	1210400104	E152N2N40011
1210400068	E152I2N30011	1210400135	E152N3N07521	1210400178	E152P3N05011	1210400142	E152N3N10021
1210400649	E152I2N50011	1210400140	E152N3N10011	1210400817	E152P3N1001P	1210400681	E152N4N20011
1210400992	E152I2N50021	1210400146	E152N3N10K11	1210400754	E152P3N1501P	1210401126	E152P2G3001P
1210400073	E152I4N10011	1210400942	E152N3N13011	1210400181	E152P3N30011	1210401127	E152P2N3001P
1210400076	E152I4N12K41	1210400149	E152N3N15011	1210400818	E152P3N3001P	1210401132	E152P3N10K11
1210400079	E152I4N16K41	1210400835	E152N3N1501R	1210400819	E152P3N5001P	1210400970	E152P3N10K1P
1210400080	E152I4N20011	1210400159	E152N3N20011	1210401121	W152A3A11K1R	1210400932	Q152N3N50011
1210400082	E152I4N30011	1210400731	E152N3N2001P	1210401083	W152N3N0601R	1210400115	E152N3N03011
1210400083	E152I4N30041	1210400783	E152N3N2001R	1210401125	W152N3N12K1R	1210400171	E152P2N10011
1210400852	E152I4N40024	1210400161	E152N3N20021	1210401104	W152N3N2001R	1210401275	E152P3N10011
1210400084	E152I4N50011	1210400893	E152N3N20023	1210401107	W152N3N2501R	1210401276	E152P3N20011
1210400960	E152I4N5001T	1210400163	E152N3N20061	1210401113	W152N3N3001R	1210401277	E152P3N50011
1210401278	E152P3N60011	1210401279	E152B3A10011	1210401280	E152B3A20011	1210401281	E152B3A30011
1210401282	E152B3A50011	1210401283	E152B3A60011				

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ORIGINAL RELEASE EC NO: DRWN:MLEVYTSKY2009/01/21 CHKD: APPR: A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± ± 3 PLACES ± ± 2 PLACES ± ± 1 PLACE ± ± ANGULAR ± °	DIMENSION STYLE DRAWN BY DATE MLEVYTSKY 2009/01/21 CHECKED BY DATE	SCALE -	DESIGN UNITS	THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY DATE MWOLSZCZAK 2009/01/21	MPM E152XXXXXXXXX	
		SEE CHART 3			MATERIAL NO.	MOLEX INCORPORATED	
		SIZE A3			DOCUMENT NO.		SHEET NO.
					E152XXXXXXXXX		4 OF 4
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