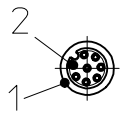
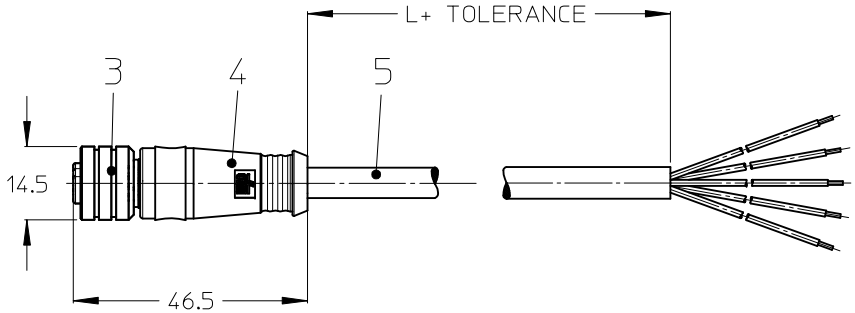
STRAIGHT PLUG FEMALE



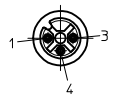
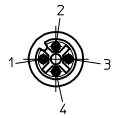
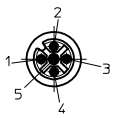
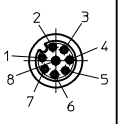


NOTES:

TEMPERATURE RANGE	SEE TABLE ON PAGE 2
CONTACT CURRENT RATING	3-5 POLES 4A 8 POLES 2A
VOLTAGE RATING	3-4 POLES 250V 5 POLES 60V 8 POLES 30V
PROTECTION CLASS	IP 67

CABLE TOLERANCES

≤ 1m	+20/-10mm
1m - 5m	± 25mm
5m - 10m	± 30mm
> 10m	± 30mm
> 20m	± 50mm

3 WIRE	4 WIRE	5 WIRE	8 WIRE
			
PIN # WIRE	PIN # WIRE	PIN # WIRE	PIN # WIRE
1 BROWN	1 BROWN	1 BROWN	1 WHITE
2 -	2 WHITE	2 WHITE	2 BROWN
3 BLUE	3 BLUE	3 BLUE	3 GREEN
4 BLACK	4 BLACK	4 BLACK	4 YELLOW
5 -	5 -	5 GREY	5 GREY
			6 PINK
			7 BLUE
			8 RED
REQUIRED TO IEC 60947-5-2			REQUIRED TO DIN 47100

ITEM	PART	MATERIAL	FINISH
5	CABLE	SEE TABLE (PAGE 2)	---
4	OVERMOULDING	TPU	BLACK
3	MALE COUPLING NUT	BRASS	Ni PLATED
2	PIN CONTACT	BRASS	GOLD PLATED
1	INSERT	PA	BLACK

ENTER DESCRIPTION
EC NO: IPG2015-1151
DRWN:ZISMAYILOV 2014/12/17
CH'KD:ULETTENMEIER2014/12/18
APPR:CBURGER 2014/12/18
DESCRIPTION
REV
3

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
0 PLACE	± ---	± ---

ANGULAR ± .5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: PMERUNKA DATE: 2012/04/23
CHECKED BY: APOHL DATE: 2013/11/15
APPROVED BY: APOHL DATE: 2013/11/18

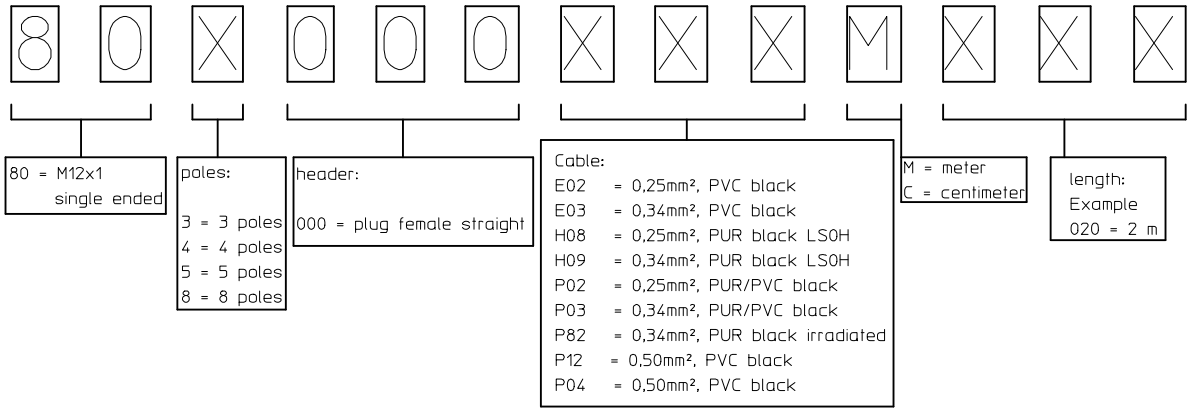
TITLE: CSE M12 XP AC FE STR XM SE UNSH

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-120065-050
SHEET NO.: 1 OF 4
SIZE: A3

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NUMERICAL CODE (Available parts see table page 3 ff others on request.)



CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other
E02	0.25mm²	PVC black	STYLE 2464	I/II A/B 80°/300V	-30°C to +80°C 5xD	-5°C to +80°C 9xD	---	---
E03	0.34mm²	PVC black	STYLE 2464	I/II A/B 80°/300V	-30°C to +80°C 5xD	-5°C to +80°C 9xD	---	---
H08	0.25mm²	PUR black LSOH	AWM STYLE 21198/10493	APPROVED	-50°C to +80°C 5xD	-25°C to +80°C 10xD	2000000 cycles	---
H09	0.34mm³	PUR black LSOH	AWM STYLE 21198/10493	APPROVED	-50°C to +80°C 5xD	-25°C to +80°C 10xD	drag chain 60°C	---
I03	0.34mm²	PVC grey	---	---	-30°C to +70°C	-5°C to +70°C	---	---
K05	0.34mm²	TPE yellow	ITC E195601 or PLTC	AWM I/II A/B FT4 LL54185	---	---	---	CSA-US:ITC LL54185-02
P02	0.25mm²	PUR/PVC black	not applicable	not applicable	-30°C to +80°C 7xD	-5°C to +80°C 15xD	---	---
P03	0.34mm²	PUR/PVC black	not applicable	not applicable	-30°C to +80°C 7xD	-5°C to +80°C 15xD	---	---
P82	0.34mm²	irrad. PUR orange	---	---	-50°C to +105°C5xD	-40°C to +105°C7.5xD	---	---
I20	0.34mm²	PVC grey	---	---	-30°C to +70°C	-5°C to +70°C	---	---
I04	0.50mm²	PVC grey	---	---	-30°C to +70°C	-5°C to +70°C	---	---
P12	0.50mm²	PVC black	---	---	-30°C to +90°C	-5°C to +90°C	---	---
I26	0.34mm²	PVC grey	not applicable	not applicable	-30°C to +70°C	-5°C to +70°C	---	---
P04	0.50mm²	PVC black	---	---	-30°C to +90°C	-5°C to +90°C	---	---

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GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
0 PLACE	± ---	± ---

ANGULAR ± .5 °
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THIRD ANGLE PROJECTION

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molex

DOCUMENT NO.: SD-120065-050
SHEET NO.: 2 OF 4
SIZE: A3

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PART NUMBER	NUMERICAL CODE	CABLE LENGTH "L" IN M
1200060107	803000E03M003	0.3M
1200060027	803000E03M006	0.6M
1200658562	803000E03M010	1M
1200060001	803000E03M020	2M
1200658219	803000E03M0201	2.01M
1200658887	803000E03M020H	2M
1200061958	803000E03M021	2.1M
1200060113	803000E03M030	3M
1200658563	803000E03M040	4M
1200060002	803000E03M050	5M
1200060115	803000E03M0501	5.01M
1200060116	803000E03M0505	5.05M
1200658889	803000E03M050H	5M
1200062071	803000E03M060	6M
1200060003	803000E03M100	10M
1200658350	803000E03M1001	10.01M
1200060117	803000E03M1005	10.05M
1200060119	803000E03M150	10.5M
1200060121	803000E03M200	20M
1200060124	803000E03M2505	25.05M
1200659584	803000H09M003	0.3M
1200658636	803000H09M010	1M
1200658637	803000H09M015	1.5M
1200658175	803000H09M020	2M
1200658638	803000H09M030	3M
1200658639	803000H09M040	4M
1200658176	803000H09M050	5M
1200658177	803000H09M100	10M
1200061765	803000P03M002	0.2M
1200062098	803000P03M006	0.6M
1200060152	803000P03M010	1M
1200060004	803000P03M020	2M
1200060153	803000P03M030	3M
1200065012	803000P03M030G	3M
1200064093	803000P03M032	3.2M
1200658610	803000P03M040	4M
1200060005	803000P03M050	5M
1200651769	803000P03M050G	5M
1200063415	803000P03M0707	7.07M
1200060006	803000P03M100	10M
1200063673	803000P03M1001	10.01M
1200062811	803000P03M100H	10M
1200060157	803000P03M150	10.5M
1200060158	803000P03M200	20M
1200062772	803000P03M250	20.5M
1200062754	803000P82M004	0.4M
1200062454	803000P82M0067	0.67M
1200064073	803000P82M010	1M
1200064256	803000P82M020	2M
1200061240	803000P82M050	5M
1200659040	804000E02M050	5M
1200659038	804000E02M100	10M
1200658266	804000E03C550	50.5M
1200658983	804000E03M002	0.2M

PART NUMBER	NUMERICAL CODE	CABLE LENGTH "L" IN M
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1200060032	804000E03M005	0.5M
1200060426	804000E03M010	1M
1200060014	804000E03M020	2M
1200060427	804000E03M0201	2.01M
1200061337	804000E03M0205	2.05M
1200658894	804000E03M020G	2M
1200062866	804000E03M020H	2M
1200060428	804000E03M030	3M
1200063443	804000E03M030H	3M
1200658570	804000E03M040	4M
1200060015	804000E03M050	5M
1200060429	804000E03M0501	5.01M
1200060430	804000E03M0505	5.05M
1200658288	804000E03M050G	5M
1200062130	804000E03M050H	5M
1200658782	804000E03M060	6M
1200658896	804000E03M075	7.5M
1200060016	804000E03M100	10M
1200063407	804000E03M1001	10.01M
1200658270	804000E03M1005	10.05M
1200658882	804000E03M100H	10M
1200064422	804000E03M120	10.2M
1200060431	804000E03M150	10.5M
1200658475	804000E03M1501	10.51M
1200062264	804000E03M1505	10.55M
1200060432	804000E03M200	20M
1200063647	804000E03M2001	20.01M
1200062992	804000E03M200H	20M
1200061528	804000E03M250	20.5M
1200061913	804000E03M300	30M
1200658228	804000E03M3001	30.01M
1200658891	804000H09M003	0.3M
1200658640	804000H09M010	1M
1200658550	804000H09M015	1.5M
1200658178	804000H09M020	2M
1200658907	804000H09M020H	2M
1200658473	804000H09M030	3M
1200658641	804000H09M040	4M
1200658179	804000H09M050	5M
1200064434	804000H09M050G	5M
1200658008	804000H09M050H	5M
1200658190	804000H09M100	10M

PART NUMBER	NUMERICAL CODE	CABLE LENGTH "L" IN M
1200064435	804000H09M100G	10M
1200658009	804000H09M100H	10M
1200658191	804000H09M150	1.5M
1200658218	804000H09M150G	1.5M
1200658880	804000H09M200	2M
1200065006	804000H09M250G	2.5M
1200658609	804000P02M020	2M
1200658927	804000P02M050	5M
1200063402	804000P03M003	0.3M
1200010061	804000P03M003W	0.3M
1200658321	804000P03M005	0.5M
1200063940	804000P03M0051	0.51M
1200063121	804000P03M0053	0.53M
1200010062	804000P03M005W	0.5M
1200061785	804000P03M006	0.6M
1200063227	804000P03M0063	0.63M
1200010063	804000P03M006W	0.6M
1200658064	804000P03M010	1M
1200658622	804000P03M010G	1M
1200010064	804000P03M010W	1M
1200658545	804000P03M015	1.5M
1200010065	804000P03M015W	1.5M
1200060018	804000P03M020	2M
1200060456	804000P03M0201	2.01M
1200010066	804000P03M020W	2M
1200010776	804000P03M020X	2M
1200060034	804000P03M025	2.5M
1200060457	804000P03M030	3M
1200658623	804000P03M030G	3M
1200010067	804000P03M030W	3M
1200652143	804000P03M040	4M
1200658630	804000P03M040G	4M
1200060019	804000P03M050	5M
1200060458	804000P03M0501	5.01M
1200651780	804000P03M050G	5M
1200062347	804000P03M050H	5M
1200010068	804000P03M050W	5M
1200652144	804000P03M060	6M
1200651782	804000P03M100	10M
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1200658492	804000P03M100G	10M
1200062167	804000P03M100H	10M
1200010069	804000P03M100W	10M

ENTER DESCRIPTION
EC NO: IPG2015-1151
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CH'KD:ULETTENMEIER 2014/12/18
APPR:CBURGER 2014/12/18
DESCRIPTION
REV
3

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
0 PLACE	± ---	± ---

ANGULAR ± .5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: PMERUNKA DATE: 2012/04/23
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MATERIAL NO.: SEE TABLE

TITLE: CSE M12 XP AC FE STR XM SE UNSH

molex

DOCUMENT NO.: SD-120065-050
SHEET NO.: 3 OF 4

SIZE: A3

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PART NUMBER	NUMERICAL CODE	CABLE LENGTH "L" IN M
1200064033	804000P03M120	10.2M
1200062853	804000P03M150	10.5M
1200010070	804000P03M150W	10.5M
1200060461	804000P03M200	20M
1200658806	804000P04M003	0.3M
1200063017	804000P04M0083	0.83M
1200063114	804000P04M0163	1.63M
1200658807	804000P04M020	2M
1200062364	804000P04M020G	2M
1200064072	804000P82M006	0.6M
1200655336	804000P82M0107	1.07M
1200064044	804000P82M020	2M
1200062254	804000P82M0207	2.07M
1200060466	804000P82M030	3M
1200655605	804000P82M0307	3.07M
1200060035	804000P82M0507	5.07M
1200060468	804000P82M100	10M
1200060036	804000P82M1007	10.7M
1200658902	804000P82M2007	20.7M
1200658502	805000E03M005	0.5M
1200658208	805000E03M0061	0.61M
1200063314	805000E03M010	1M
1200060634	805000E03M020	2M
1200658503	805000E03M0201	2.01M
1200658165	805000E03M030	3M
1200658592	805000E03M040	4M
1200651978	805000E03M050	5M
1200658210	805000E03M0501	5.01M
1200658331	805000E03M050H	5M
1200060638	805000E03M100	10M
1200658928	805000E03M1001	10.01M
1200655081	805000E03M150	10.5M
1200658081	805000E03M200	20M
1200063779	805000E03M300	30M
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1200658173	805000H09M050	5M
1200658174	805000H09M100	10M
1200658780	805000H09M200	20M
1200060646	805000P03M003	0.3M
1200658197	805000P03M010	1M
1200060647	805000P03M020	2M
1200065004	805000P03M0201	2.01M
1200062521	805000P03M030	3M
1200658020	805000P03M040	4M
1200651792	805000P03M050	5M
1200658977	805000P03M050G	5M
1200658990	805000P03M050H	5M
1200652154	805000P03M060	6M
1200060649	805000P03M100	10M
1200658991	805000P03M100H	10M

PART NUMBER	NUMERICAL CODE	CABLE LENGTH "L" IN M
1200061431	805000P03M150	10.5M
1200064292	805000P03M200	20M
1200064313	805000P03M200G	20M
1200063041	805000P12M0033	0.33M
1200658086	805000P12M020	2M
1200064445	805000P12M023	2.3M
1200062858	805000P12M100	10M
1200065005	805000P82M020	2M
1200060715	805000P82M050	5M
1200658966	805000P82M0507	5.07M
1200658299	805000P82M100	10M
1200659026	805000P82M1007	10.07M
1200658920	808000E02M005H	0.5M
1200658860	808000E02M0061G	0.61M
1200658511	808000E02M010	1M
1200658921	808000E02M010H	1M
1200658277	808000E02M020	2M
1200658590	808000E02M030	3M
1200658591	808000E02M040	4M
1200658224	808000E02M050	5M
1200658309	808000E02M0501	5.01M
1200658278	808000E02M100	10M
1200658551	808000E02M1001	10.01M
1200658812	808000E02M150	10.5M
1200658984	808000E02M2501	20.51M
1200658642	808000H08M010	1M
1200658643	808000H08M015	1.5M
1200658644	808000H08M020	2M
1200658813	808000H08M025	2.5M
1200658645	808000H08M030	3M
1200658646	808000H08M040	4M
1200658244	808000H08M050	5M
1200658264	808000H08M100	10M
1200658930	808000H08M150	10.5M
1200658899	808000H08M250	20.5M
1200658525	808000P02C350	30.5M
1200655073	808000P02M003	0.3M
1200651794	808000P02M010	1M
1200650951	808000P02M020	2M
1200658022	808000P02M030	3M
1200650952	808000P02M040	4M
1200650953	808000P02M050	5M
1200650954	808000P02M060	6M

PART NUMBER	NUMERICAL CODE	CABLE LENGTH "L" IN M
1200651795	808000P02M070	7M
1200650955	808000P02M080	8M
1200650956	808000P02M0801	8.01M
1200650957	808000P02M100	10M
1200658021	808000P02M150	10.5M
1200651817	808000P02M200	20M
1200651818	808000P02M250	20.5M
1200651820	808000P02M300	30M
1200658103	808000P19M005	0.5M
1200062765	808000P19M020	2M
1200062675	808000P19M030	3M
1200651796	808000P19M040	4M
1200062676	808000P19M050	5M
1200655074	808000P19M060	6M
1200652019	808000P19M100	10M
1200658104	808000P19M150	10.5M
1200655040	80C000H45M020	2M
1200655041	80C000H45M040	4M
1200655042	80C000H45M050	5M
1200655044	80C000H45M100	10M
1200659214	805000P03M300	30M
1200659224	805006P03M200	20M
1200659225	805006P03M300	30M
1200659230	805007P03M010	1M
1200659231	805007P03M200	20M

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QUALITY SYMBOLS
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GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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ANGULAR ± .5 °

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DRAWN BY: PMERUNKA DATE: 2012/04/23
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molex

DOCUMENT NO.: SD-120065-050
SHEET NO.: 4 OF 4
SIZE: A3

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