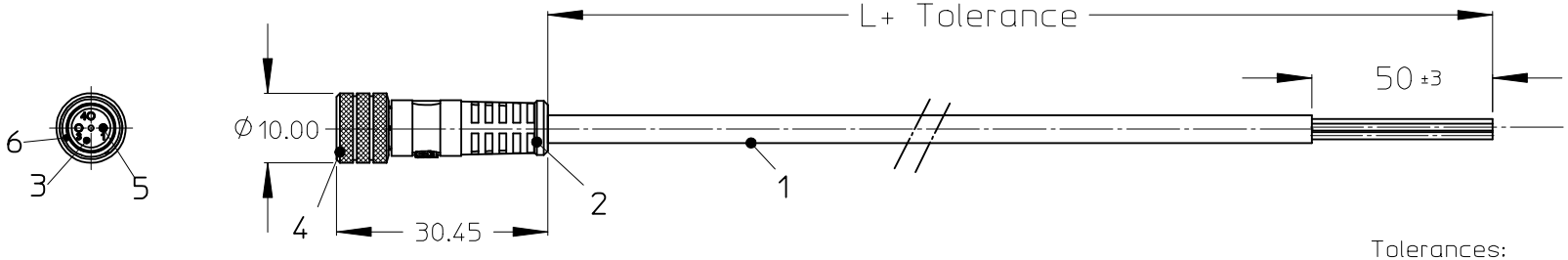
STRAIGHT PLUG FEMALE



Tolerances:

≤ 1 m	+40 mm/0
1 m - 5 m	+60 mm/0
5 m - 10 m	+80 mm/0
10 m - 20 m	+140 mm/0
20 m - 30 m	+160 mm/0
> 30 m	+1%

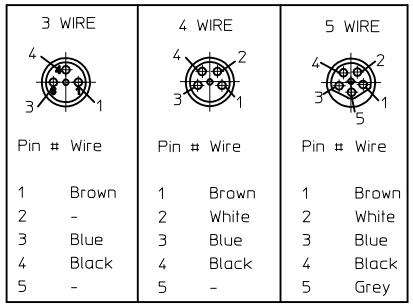
NOTES:

Temperatur Range: -25°C/+80°C
Contact Current Rating: 3A
Voltage Rating: 3 poles 60V
4-5 poles 30V
Protection class: IP67
Pollution degree in mated condition: 2
Rated impulse voltage: 3 poles 1500V
4-5 poles 800V
Locking Torgue: 0.5Nm

Cable:

E02 = 0,25mm², PVC black
H08 = 0,25mm², PUR black, LSOH (halogen free)
I02 = 0,25mm², PVC grey irradiated
K05 = 0,34mm², TPE yellow
P02 = 0,25mm², PUR/PVC black
P08 = 0,25mm², PUR yellow HIFLEX
P82 = 0,34mm², PUR orange irradiated
H09 = 0,34mm², PUR black, LSOH (halogen free)

ITEM	PART	MATERIAL	FINISH
6	O-Ring	Rubber	---
5	Contact	Copper Alloy	Gold plated
4	Coupling Nut	Brass	Ni plated
3	Insert	PUR	---
2	Overmold	PUR	---
1	Cable	See Table	---



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EC NO: IPG2016-1289
DRWN:RSCHIEBER 2016/03/23
CH'KD:THAERDT 2016/03/23
APPR:RSILLER 2016/03/24
DESCRIPTION
A3
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.30	± ---
0 PLACE	± 0.50	± ---

ANGULAR ± 1 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

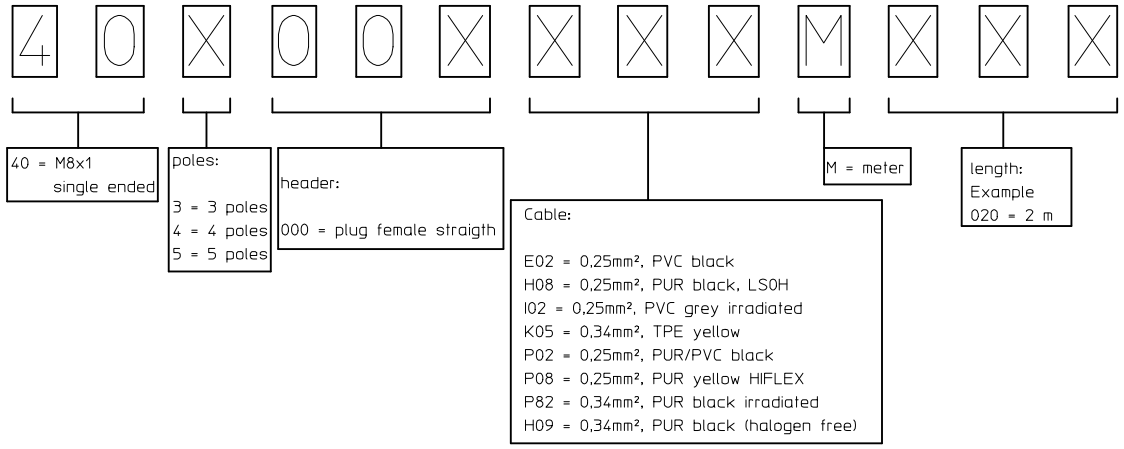
		DATE
DRAWN BY	APOHL	2011/08/22
CHECKED BY	REISSNER	2012/01/16
APPROVED BY	CBURGER	2012/01/18

TITLE: CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-120086-001
SHEET NO.: 1 OF 3
SIZE: A4

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



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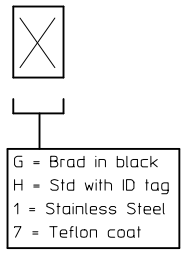

ENTER DESCRIPTION
EC NO: IPG2016-1289
DRWN:RSCHIEBER 2016/03/23
CH'KD:THAERDT 2016/03/23
APPR:RSILLER 2016/03/24
DESCRIPTION
A3
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.30	± ---
0 PLACE	± 0.50	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS
MM ONLY	3:1	METRIC

THIRD ANGLE PROJECTION

DRAWN BY APOHL	DATE 2011/08/22
CHECKED BY REISSNER	DATE 2012/01/16
APPROVED BY CBURGER	DATE 2012/01/18

TITLE: CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE

molex

MATERIAL NO.: SEE TABLE

DOCUMENT NO.: SD-120086-001

SHEET NO.: 2 OF 3

SIZE A4

PART LIST:

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ENTER DESCRIPTION
EC NO: IPG2016-1289 2016/03/23
DRWN:RSCHIEBER 2016/03/23
CH'KD:THAERDT 2016/03/24
APPR:RSILLER
DESCRIPTION
REV
A3

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.30	± ---
0 PLACE	± 0.50	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

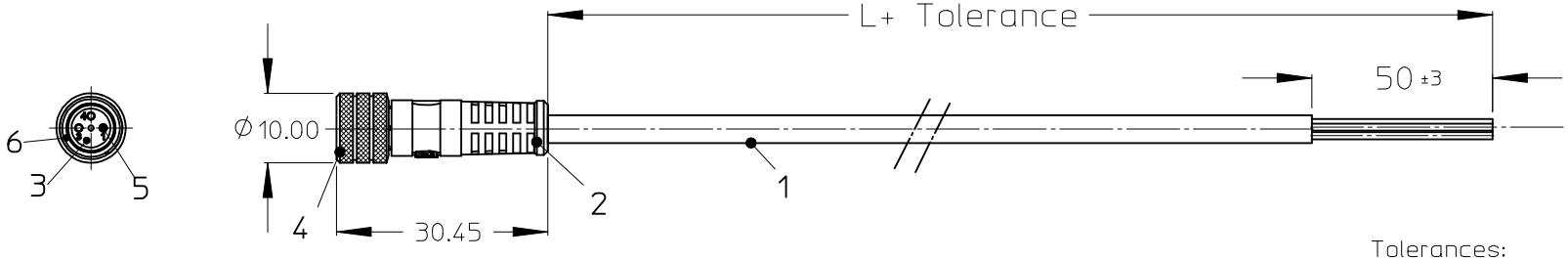
DRAWN BY: APOHL DATE: 2011/08/22
CHECKED BY: REISSNER DATE: 2012/01/16
APPROVED BY: CBURGER DATE: 2012/01/18

TITLE: CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-120086-001
SHEET NO.: 3 OF 3
SIZE: A3

STRAIGHT PLUG FEMALE



Tolerances:

≤ 1 m	+40 mm/0
1 m - 5 m	+60 mm/0
5 m - 10 m	+80 mm/0
10 m - 20 m	+140 mm/0
20 m - 30 m	+160 mm/0
> 30 m	+1%

NOTES:

Temperatur Range: -25°C/+80°C
Contact Current Rating: 3A
Voltage Rating: 3 poles 60V
4-5 poles 30V
Protection class: IP67
Pollution degree in mated condition: 2
Rated impulse voltage: 3 poles 1500V
4-5 poles 800V
Locking Torgue: 0.5Nm

Cable:

E02 = 0,25mm², PVC black
H08 = 0,25mm², PUR black, LSOH (halogen free)
I02 = 0,25mm², PVC grey irradiated
K05 = 0,34mm², TPE yellow
P02 = 0,25mm², PUR/PVC black
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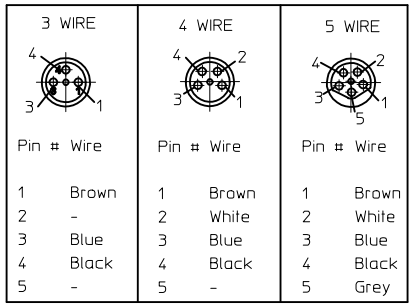
ITEM	PART	MATERIAL	FINISH
6	O-Ring	Rubber	---
5	Contact	Copper Alloy	Gold plated
4	Coupling Nut	Brass	Ni plated
3	Insert	PUR	---
2	Overmold	PUR	---
1	Cable	See Table	---



ENTER DESCRIPTION
EC NO: IPG2016-1289
DRWN:RSCHIEBER 2016/03/23
CH'KD:THAERDT 2016/03/23
APPR:RSILLER 2016/03/24
DESCRIPTION
A3
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.30	± ---
0 PLACE	± 0.50	± ---

ANGULAR ± 1 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

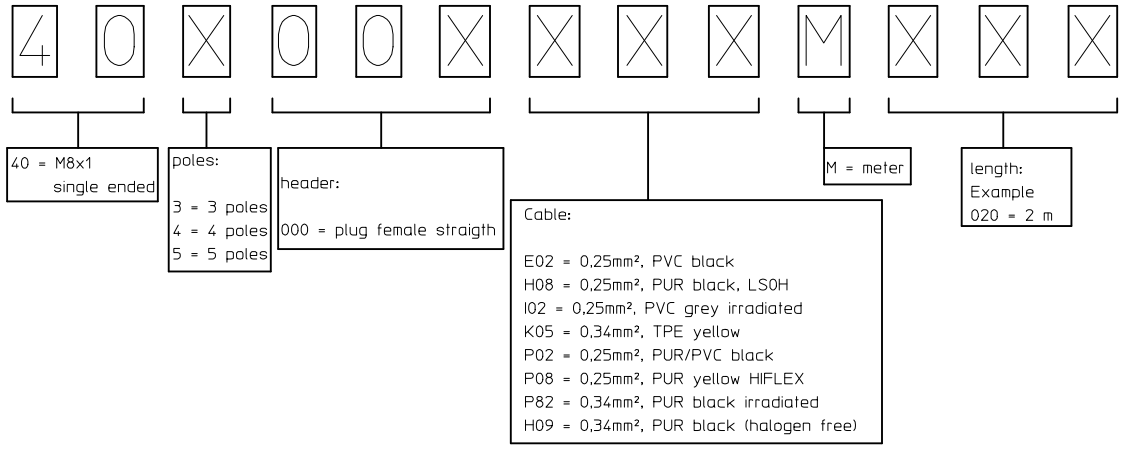
		DATE
DRAWN BY	APOHL	2011/08/22
CHECKED BY	REISSNER	2012/01/16
APPROVED BY	CBURGER	2012/01/18

TITLE: CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-120086-001
SHEET NO.: 1 OF 3
SIZE: A4

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



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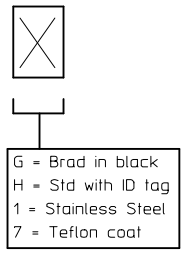

ENTER DESCRIPTION
EC NO: IPG2016-1289
DRWN:RSCHIEBER 2016/03/23
CH'KD:THAERDT 2016/03/23
APPR:RSILLER 2016/03/24
DESCRIPTION
A3
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.30	± ---
0 PLACE	± 0.50	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS
MM ONLY	3:1	METRIC

THIRD ANGLE PROJECTION

DRAWN BY APOHL	DATE 2011/08/22
CHECKED BY REISSNER	DATE 2012/01/16
APPROVED BY CBURGER	DATE 2012/01/18

TITLE: CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE

molex

MATERIAL NO.: SEE TABLE

DOCUMENT NO.: SD-120086-001

SHEET NO.: 2 OF 3

SIZE A4

PART LIST:

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ENTER DESCRIPTION
EC NO: IPG2016-1289 2016/03/23
DRWN:RSCHIEBER 2016/03/23
CH'KD:THAERDT 2016/03/24
APPR:RSILLER
DESCRIPTION
REV
A3

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.30	± ---
0 PLACE	± 0.50	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: APOHL DATE: 2011/08/22
CHECKED BY: REISSNER DATE: 2012/01/16
APPROVED BY: CBURGER DATE: 2012/01/18

TITLE: CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-120086-001
SHEET NO.: 3 OF 3
SIZE: A3