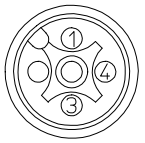
WIRING DIAGRAM M12 MALE:

3 WIRES

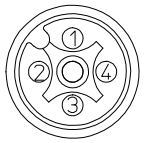


VIEW FROM FRONT SIDE

3 WIRES

Pin	Wire color
1	Brown
2	-
3	Blue
4	Black

4 WIRES



VIEW FROM FRONT SIDE

4 WIRES

Pin	Wire color
1	Brown
2	White
3	Blue
4	Black

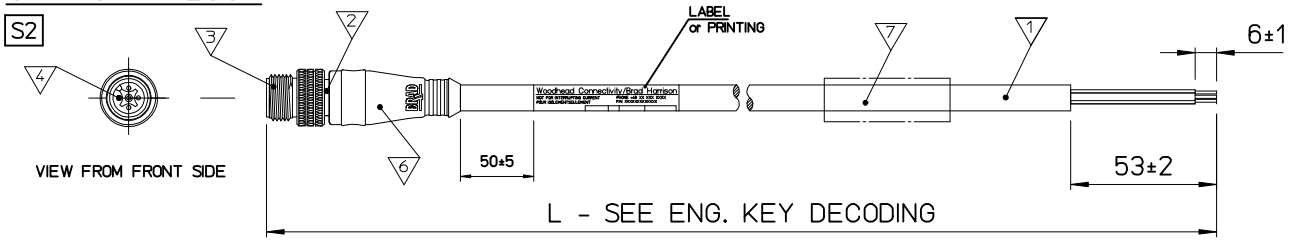
5 WIRES

VIEW FROM FRONT SIDE

5 WIRES

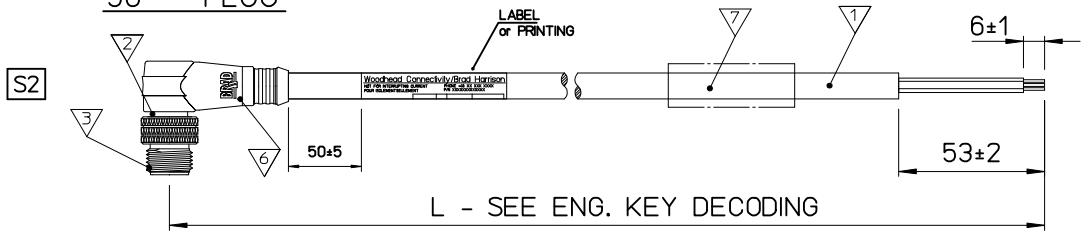
Pin	Wire color
1	Brown
2	White
3	Blue
4	Black
5	Grey

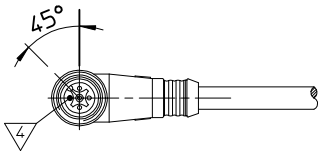
STRAIGHT PLUG



VIEW FROM FRONT SIDE

90° - PLUG





VIEW FROM FRONT SIDE

NOTES:

TEMPERATURE RANGE	-25°C/+80°C
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

ENGINEERING P/N KEY DECODING:

8	0	X	X	X	X	0	0	X	X	X	X	X		

- Thread M12x1 single ended
- 3 — Insert 3 ways P/N 1202080007; 4 — Insert 4 ways P/N 1202080008 Terminal P/N 1202050001; 5 — Insert 5 ways P/N 1202080036
- 006 Plug male straight; 007 Plug male 90° angle
- Cable types: S20=SJTO Cable (3&4 wire) Yellow 0.34mm²; E02=PVC - Black 0.25mm²; E03=PVC - Black 0.34mm²; E52=PVC - Grey 0.34mm²; P02=PUR - Black 0.25mm²; P03=PUR - Black 0.34mm²; I02=CEI PVC - Light Grey 0.25mm²; I03=CEI PVC - Light Grey 0.34mm²; I20=CEI Screened PVC - Light Grey 0.34mm²; H08=PUR Black 0.25mm² LSZH UL; H09=PUR Black 0.34mm² LSZH UL
- Lenght unit: C-cm, M-m, K-km, F-feet
- Lenght: Value divided by 10, 250—>25
- Coupling: blank and 3-standard P/N 1202070008; 1-stainless steel P/N 1202070025; 5-delrin P/N 1203290004; 7-teflon coat P/N 1202070023
- Plug material: blank-standard (black) P/N 0899921504 + P/N 0967550216; A-grey P/N 0899921504 + P/N 0967550211; Y-yellow P/N 0899921504 + P/N 0967550209; H-standard with ID carrier P/N 1203010001

Tablica tolerancji dlugosci Table of lenght tolerances		
Powyzej Over	Do-wlacznie Up to and including	Tolerancja (+) Tolerance
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% dlugosci of lenght

ORIGINAL RELEASE
EC NO: IPG2014-0448 2012/10/23
DRWN:HWALCZAK 2012/10/23
CH'KD:JMARSZALEK 2013/09/05
APPR:MIWASIECZKO 2013/09/05
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: HWALCZAK DATE: 2012/10/23
CHECKED BY: JMARSZALEK DATE: 2013/09/05
APPROVED BY: MIWASIECZKO DATE: 2013/09/05
MATERIAL NO.: MATRIX DRAWING

TITLE: CSE M12 XP AC MA XM SE

molex

DOCUMENT NO.: SD-120065-054
SHEET NO.: 1 OF 1
SIZE: A3

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