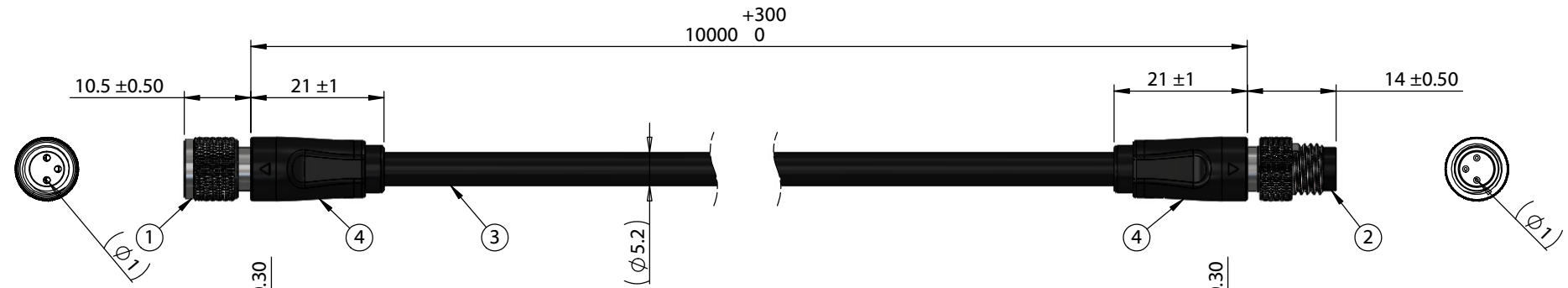
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00681	Connector, 3 pin M8 A-code socket, 8x15.1 mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	50-00679	Connector, 3 pin M8 A-code plug, 8x19.2 mm, gold plated, molding style, solder cup, IP67, shielded	1	
3	30-01571	Wire, 3C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.2 mm, shielded, VW-1, PVC, 80A, black	1	
4	24-00378	Overmold, M8 plug and jack, 180°	2	PVC, black



Front View
Not to Scale

Front View
Not to Scale

Notes:
Cable rated for 60 V, 3 A
Temperature: -40 ~ 105 °C
Oil resistant up to 60 °C
Water resistant up to 75 °C
UV resistant

IP67 waterproof rating when mated with corresponding (IP67) connector

Functionally equivalent components may be substituted

Wiring Diagram		
50-00681	wire color	50-00679
1	red	1
3	black	3
4	white	4
Shell	shield	Shell

Revision:	Date:	Description:
A	3/4/2022	Initial release

Prepared: MP Digitally signed by MP Date: 2022.03.04 16:23:28 -08'00'

Verified: PB Digitally signed by PB Date: 2022.03.07 13:53:20 -08'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:

RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:
Cable, 10000mm, 1.0 mm 3C 50-00681 M8 socket to 1.0 mm 50-00679 M8 plug, 24 AWG, 30-01571 wire

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-04170
Scale: 1:1
Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

5 4 3 2 1