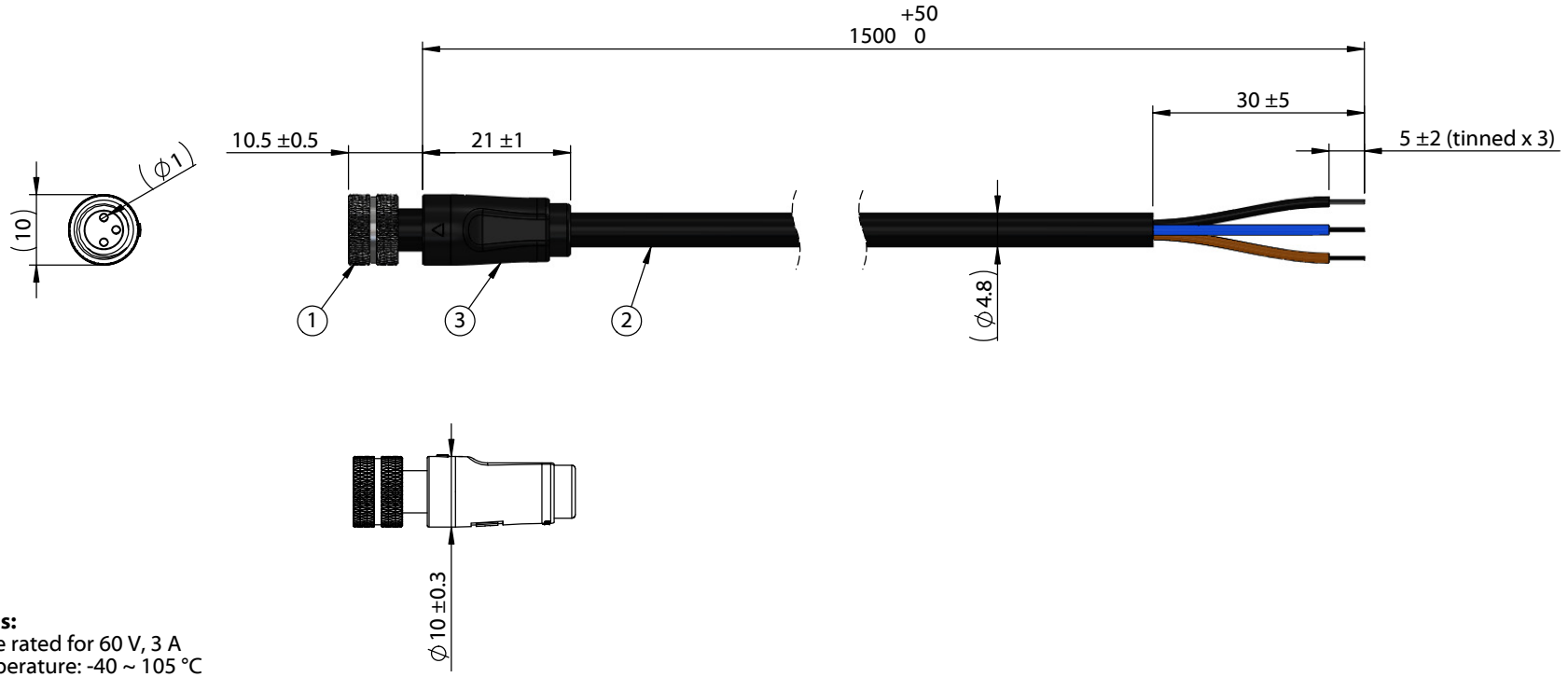
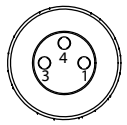
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00677	Connector, M8 A-code socket, 3 pin, 8xL15.3 mm, molding style, solder cup, gold plated, IP67	1	
2	30-02978	Wire, 3C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 4.8 mm, VW-1, PVC, 80A, black	1	
3	24-00378	Overmold, M8 plug and jack, 180°	1	PVC, black



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



Front View
Not to Scale

Wiring Diagram	
50-00677	wire color
1	brown
3	blue
4	black

Revision:	Date:	Description:
A	11/13/2023	Initial release

Prepared: RR
Digitally signed by RR
Date: 2025.03.21 10:25:22 -07'00'

Verified: AL
Digitally signed by AL
Date: 2025.03.21 11:45:49 -07'00'

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, 1500mm, 1.0 mm 3C 50-00677 M8 socket to 5mm tinned, 24 AWG, 30-02978 wire

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-05914
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