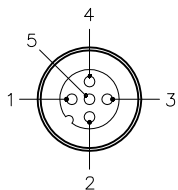
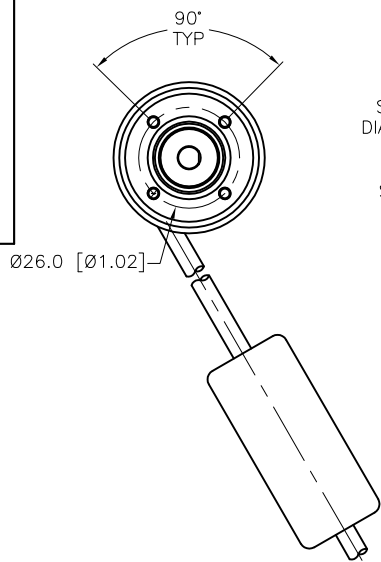


MALE END VIEW



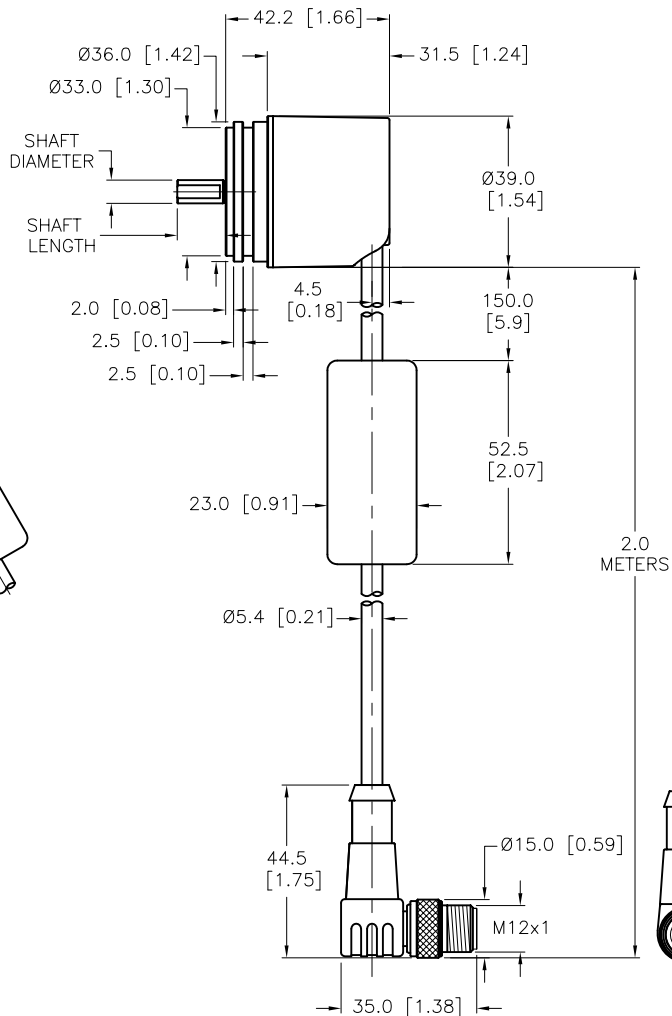
1 = GRAY (CAN_GND)
2 = BROWN (+V)
3 = WHITE (-V)
4 = GREEN (CAN_HIGH)
5 = YELLOW (CAN_LOW)



CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

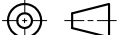
1. "/S679" DESIGNATES BLUE/GRAY MOLDED PLUG BODY.



SPECIFICATIONS

ENCODER TYPE	ABSOLUTE, MULTI-TURN
RESOLUTION	32 BIT
OUTPUT TYPE	CANopen, Profile DS406 V3.2
POWER SUPPLY	10-30 VDC
CURRENT CONSUMPTION (NO LOAD)	80 mA MAX.
REVERSE POLARITY PROTECTION	YES
MAX. SPEED	8000 RPM CONTINUOUS
STARTING TORQUE	0.01 Nm
SHAFT LOAD (AXIAL)	20N
SHAFT LOAD (RADIAL)	40N
OPERATING TEMPERATURE	-40°C to +85°C (-40°F to +185°F)
HOUSING MATERIAL	DIE CAST ZINC
FLANGE MATERIAL	ALUMINUM
SHAFT MATERIAL	STAINLESS STEEL
SHOCK RESISTANCE	2500m/s ² , 6ms
VIBRATION RESISTANCE	100m/s ² , 55-2000 Hz
PROTECTION CLASS	IP67
UL CERTIFIED	YES, FILE E224618
CE DECLARATION OF CONFORMANCE	YES, 2004/30/EU
CONTACT CARRIER MATERIAL	NYLON or TPU
MOLDED HEAD MATERIAL/COLOR	TPU/BLUE-GRAY
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
OUTER JACKET MATERIAL/COLOR	PUR/BLACK
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	14x26 AWG
DRAIN/SHIELD	SHIELD

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION			THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.			3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	06/23/16			DESCRIPTION RM-47SA1S-9D32B-CT2M-E-WSC 4.5T/S679
SEE SPECIFICATIONS		APVD	K.H.	SCALE	1=2.0			
FINISH		CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT MILLIMETER [INCH] DO NOT SCALE THIS DRAWING			IDENTIFICATION NO. 15456280		REV B
SEE SPECIFICATIONS								

B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.