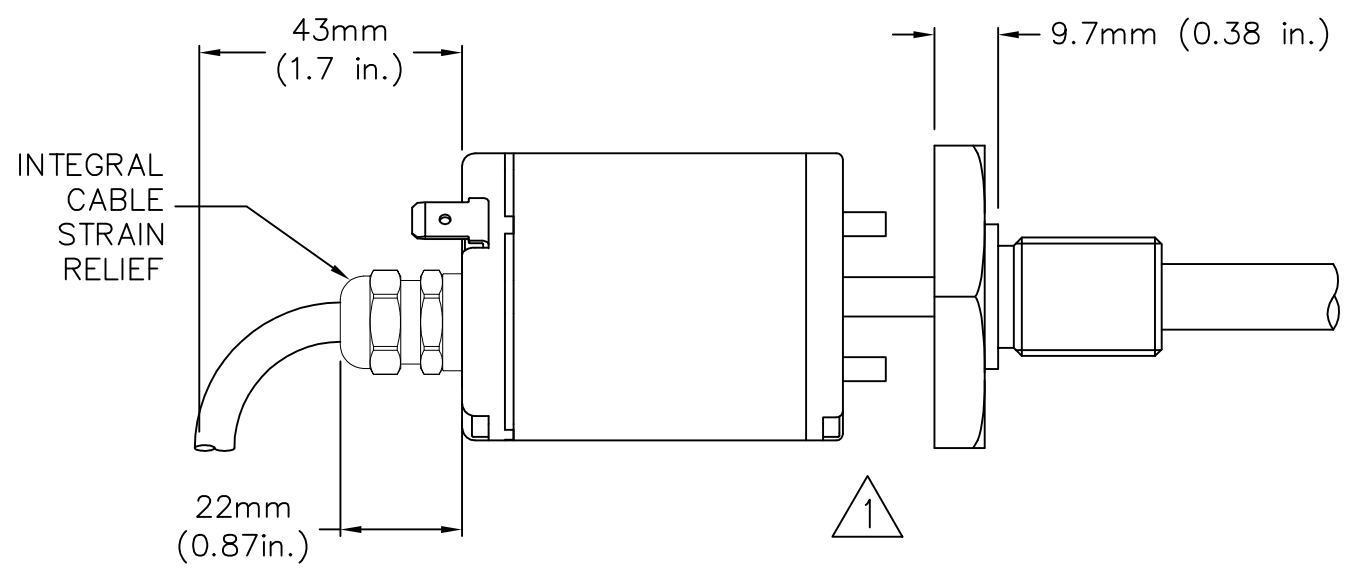


Stroke Length	Dead Zone
50 - 5000mm (2-197 in.)	63.5mm (2.5 in.)
5005 - 7620mm (197.1-300in.)	66mm (2.6 in.)



Flange Type	Description	A Stroke Length	B Flange Threads	C Dim.	D Dim.
T	US Customary Threads with Raised-Face Hex	50-7620 mm (2-300 in.)	3/4"-16 UNF-3A	44.5mm (1.75in)	51mm (2.0in)
S	US Customary Threads with Flat-Faced Hex		3/4"-16 UNF-3A	44.5mm (1.75in)	51mm (2.0in)
M	Metric Threads with Flat-Faced Hex		M18 x 1.5	46mm (1.81in)	53mm (2.1in)
B	Replacement electronics housing and sensing element cartridge (no flange or sensor rod)	50-1825 mm (2-72 in.)	N/A		

- NOTES:
- IF NEEDED, THE SENSOR CARTRIDGE CAN BE REMOVED FROM THE FLANGE AND ROD HOUSING BY REMOVING THE TWO HEX SCREWS. WHEN USED IN HYDRAULIC CYLINDER APPLICATIONS, THIS PROCEDURE ALLOWS QUICK SENSOR CARTRIDGE REPLACEMENT WITHOUT LOSS OF HYDRAULIC PRESSURE.
  - USE 2.5mm HEX WRENCH.
  - TOLERANCES FOR DIMENSIONS SHOWN IN 1 DECIMAL PLACE MILLIMETERS MAY VARY UP TO ±0.3mm.
  - MAGNET NOT INCLUDED WITH HYDRAULIC STYLE (MODEL RH) SENSOR. MAGNET MUST BE ORDERED SEPARATELY.
  - STROKE LENGTH RANGE FOR DEVICENET OUTPUT IS 50-4780mm (2-188in.)

A	LCO 401	CREATE DRAWING		KKC	11/29/04
REV	ECO #	DESCRIPTION		BY	DATE
PROPRIETARY DATA		UNLESS OTHERWISE SPECIFIED TOLERANCES		TITLE	
THE INFORMATION AND DESIGN(S) DISCLOSED HEREIN ARE THE PROPERTY OF MTS SYSTEMS CORPORATION AND MAY NOT BE USED, REPRODUCED OR DISCLOSED IN ANY FORM EXCEPT AS GRANTED IN WRITING BY MTS SYSTEMS CORPORATION. THIS RESTRICTION EXCLUDES INFORMATION THAT IS IN THE PUBLIC DOMAIN OR WAS LEGITIMATELY IN THE PRIOR POSSESSION OF THE RECIPIENT.		0 DEC. PL. MM ±0.5	1 DEC. PL. MM ±0.1	ANGLES ±1°	Install, Hydraulic Style R-Series Position Sensor
		<ul style="list-style-type: none"> <li>• THREAD DEPTHS ARE TO MIN. FULL THDS</li> <li>• DRILL DEPTHS ARE TO FULL DIA.</li> <li>• REMOVE BURRS AND SHARP EDGES</li> <li>• DO NOT SCALE PRINT</li> <li>• MACHINED SURFACE FINISH 125</li> </ul>		 MTS SYSTEMS CORPORATION SENSORS DIVISION 3001 SHELDON DRIVE, CARY N.C. 27513	
SIZE C		DWG NO.	551015	REV A	
THIRD ANGLE PROJ.		PRODUCT LINE	R-Series	ISO DRAWING	
SCALE: NTS				SHEET 1 OF 1	