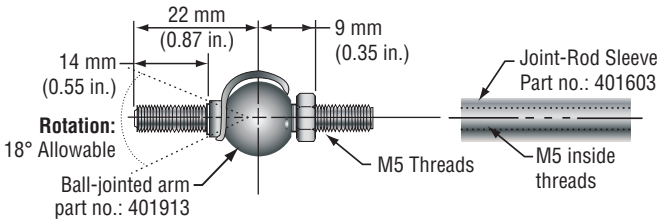
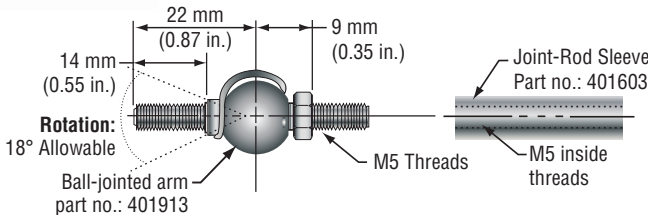
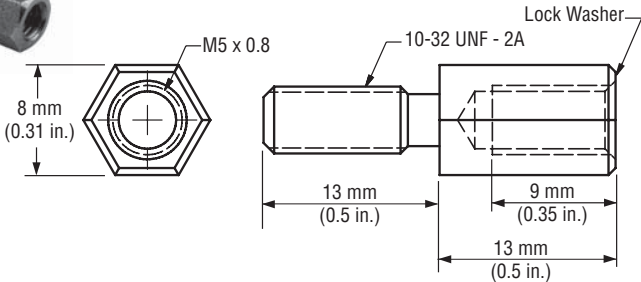


Mechanical End Connectors
Ordering Information

MECHANICAL-END CONNECTOR SELECTIONS

Cable Connector and Dimensions	Description and Specifications	Sensor Model Reference	Part number
  22 mm (0.87 in.) 9 mm (0.35 in.) 14 mm (0.55 in.) Rotation: 18° Allowable Ball-jointed arm part no.: 401913 M5 Threads Joint-Rod Sleeve Part no.: 401603 M5 inside threads	Joint-rod sleeve US customary measurement Optional, 1 in.	RP/GP	401603
  22 mm (0.87 in.) 9 mm (0.35 in.) 14 mm (0.55 in.) Rotation: 18° Allowable Ball-jointed arm part no.: 401913 M5 Threads Joint-Rod Sleeve Part no.: 401603 M5 inside threads	Ball-jointed arm For use with captive-sliding magnet	RP/GP	401913
  M5 x 0.8 8 mm (0.31 in.) 10-32 UNF - 2A Lock Washer 13 mm (0.5 in.) 9 mm (0.35 in.) 13 mm (0.5 in.)	Threaded adapter Female M5 to male 10 - 32	RP/GP	402849

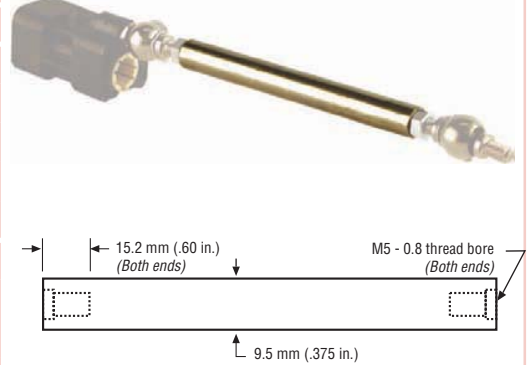
Optional extension rod quick reference chart

Male rod-end (part no.: 401872) mates with optional extension rods.

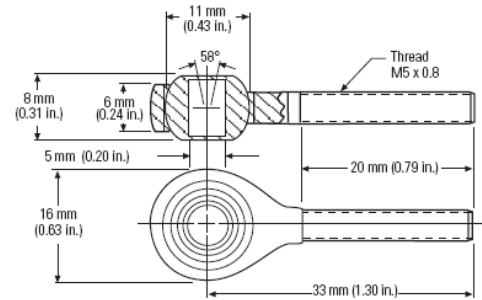
Sensor models with captive-sliding magnet

RP	GP	EP	Extension rod length	Part number
●	●	●	60.3 mm (2.375 in.)	401768-2
●	●	●	85.7 mm (3.375 in.)	401768-3
●	●	●	111.1 mm (4.375 in.)	401768-4
●	●	●	161.9 mm (6.375 in.)	401768-6
●	●	●	187.3 mm (7.375 in.)	401768-7
●	●	●	212.7 mm (8.375 in.)	401768-8
●	●	●	238.1 mm (9.375 in.)	401768-9
●	●	●	263.5 mm (10.375 in.)	401768-10
●	●	●	314.3 mm (12.375 in.)	401768-12
●	●	●	365.1 mm (14.375 in.)	401768-14
●	●	●	390.5 mm (15.375 in.)	401768-15
●	●	●	466.7 mm (18.375 in.)	401768-18
●	●	●	517.5 mm (20.375 in.)	401768-20
●	●	●	542.9 mm (21.375 in.)	401768-21
●	●	●	619.1 mm (24.375 in.)	401768-24
●	●	●	771.5 mm (30.375 in.)	401768-30
●	●	●	923.9 mm (36.375 in.)	401768-36
●	●	●	1076.3 mm (42.375 in.)	401768-42
●	●	●	1228.7 mm (48.375 in.)	401768-48
●	●	●	1533.5 mm (60.375 in.)	401768-60

Optional extension rod example



Male rod end (part no.: 401872)



Note:

If your application requires a magnet that is not shown, contact the Factory and consult Applications Engineering for custom or additional non standard magnet options.