



Tongue Separator Series 1510 Union Nut Connection

Application	Mounting to Bourdon tube pressure gauges or to pressure transmitters, for connection to measuring points with external thread. Designed for pressure measurements for which the diaphragm separators of Series 1060 cannot be employed. The flow of the medium can damage the tongue separator. This must be taken into consideration when determining the measuring point.
Execution	The separator is inseparably fixed with the measuring instrument to a hydraulic measuring unit, either directly, via a cooling element or via a capillary tube of stainless steel.
Type of construction	Tongue separator. Diaphragm with longitudinal starshaped profile, all parts made of stainless steel, welded.
Connection	Union Nut
Temperature of medium	Up to 80°C (1/2 h up to 140°C), other temperature limits (up to 300°C) on request.
Hydraulic transmission fluid	Glycerine, sweet almond oil, others on request.



Selection chart

Type	Material of Separator body		Material of Diaphragm tube				Material of Bottom piece		Union Nut	Ordering code direct mounting	Ordering code with capillary tube
Tongue separator	stainless steel 1.4571		stainless steel 1.4571				stainless steel 1.4571		Stainl. steel 1.4571 G 1	1511	1512
									Stainl. steel 1.4571 G 3/4	1513	1514
Capillary tube 1.4571	Length [m]	0.5	1	1.5	2	2.5	3	3.5	4.0		
	Ordering code	1205	1210	1215	1220	1225	1230	1235	1240		
Additional metallic protection hose for capillary tube										1299	
Temperature of medium (e.g. 100°C)										9007/0100	
Ordering example: DRD 100/411.133/075 / 1512 / 1210 / 1299 / 9007/0100											
										Temperature of medium 100°C	
										Metallic protection hose	
										Capillary tube 1 m	
										Separator ordering code	
										Pressure gauge (see data-sheet D1.129)	