

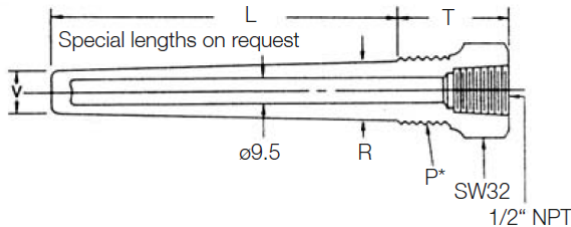
Mechanical Temperature Switches

Accessories

Thermowell

for remote sensor and capillary models

Thermowell for local mount models are treated on the respective data sheet..

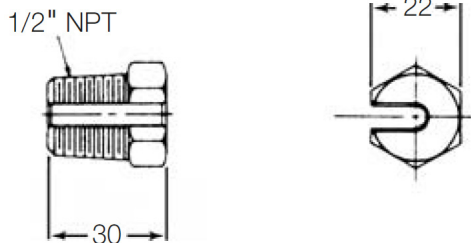


* Other models available, also R-threads

Order-No.	Material	P*	R	T	V	L
0699-021	Brass	1/2" NPT	17.5	44.5	16	124
0699-022	Brass	3/4" NPT	22.2	44.5	19	124
0699-023	Stainless steel	1/2" NPT	17.5	47.5	16	114
0699-024	Stainless steel	3/4" NPT	22.2	47.5	19	114

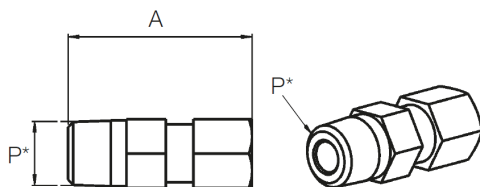
Split nut

Used to hold sensor in thermowell



Order-No.	Description
0699-025	1/2" NPT

Union connector



Union contains Teflon compression discs and will seal up to 21 bar.

Order-No.	Material	P*	R
0699-026	Brass	1/2" NPT	57.0
0699-027	Brass	3/4" NPT	63.5
0699-028	Stainless steel	1/2" NPT	57.0
0699-029	Stainless steel	3/4" NPT	63.5

Thermowell pressure, temperature and velocity limitations

Maximum permissible velocity in m/sec

Material	Thermowell length in mm							
	63.5	114	190	267	343	419	495	572
Brass	98 (45)	39 (25)	14	7	4.5	3	2	1.5
Steel	125 (82)	76 (45)	27	14	8.5	5.5	4	3
Stainless steel	147 (106)	83 (63)	30	15	9	6	4.5	3

The values in brackets represent safe value for water flow. All other values are for stem, gas or similar low-density media.

Pressure - temperature rating

(values in bar)

Thermowell	Temperature in °C				
	+22	+94	+210	+320	+430
Brass	350	295	70	-	-
Steel	365	350	335	320	245
Stainless steel	490	435	390	380	365

Certificates

see "Overview Additional services"