Tennad
64, Bd Niels Bohr
69100 VILLEURBANNE_France
contact@tennad.com

Multicell Reactors



	Material reactor*	Seal**	Pressure per cell	Temperature per cell	Number of cells	Volume per cell (mL)	Colling Adapter	Pressure sensor	Operating temperature (°C)	Operating pressure (Bar)
MPR-2IP-PG-50bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Gauge	-100°C to +250°C	0 to 50 bar
MPR-2IP-PG-100bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Gauge	-100°C to +250°C	0 to 100 bar
MPR-2IP-PG-150bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Gauge	-100°C to +250°C	0 to 150 bar
MPR-2IP-PG-200bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Gauge	-100°C to +250°C	0 to 200 bar
MPR-2IP-PT-50bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Transducter	-40°C to +90°C	0 to 50 bar
MPR-2IP-PT-100bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Transducter	-40°C to +90°C	0 to 100 bar
MPR-2IP-PT-150bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Transducter	-40°C to +90°C	0 to 150 bar
MPR-2IP-PT-200bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	no	Transducter	-40°C to +90°C	0 to 200 bar
MPR-2IP-PT-CA-50bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	yes	Transducter	-100°C to +250°C	0 to 50 bar
MPR-2IP-PT-CA-100bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	yes	Transducter	-100°C to +250°C	0 to 100 bar
MPR-2IP-PT-CA-150bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	yes	Transducter	-100°C to +250°C	0 to 150 bar
MPR-2IP-PT-CA-200bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	2	10	yes	Transducter	-100°C to +250°C	0 to 200 bar
MPR-4-PG-50BAR-250°C (Pressure Gauge)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 50 bar
MPR-4-PG-100BAR-250°C (Pressure Gauge)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 100 bar
MPR-4-PG-150bar-250°C (Pressure Gauge)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 150 bar
MPR-4-PG-200bar-250°C (Pressure Gauge)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 200 bar
MPR-4-PT-50BAR-90°C (Pressure Transducter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 50 bar
MPR-4-PT-100BAR-90°C (Pressure Transducter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 100 bar
MPR-4-PT-150bar-90°C (Pressure Transducter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 150 bar
MPR-4-PT-200bar-90°C (Pressure Transducter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 200 bar
MPR-4-PT-CA-50BAR-250°C (Pressure Transducter + Colling Adapter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 50 bar
MPR-4-PT-CA-100BAR-250°C (Pressure Transducter + Colling Adapter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 100 bar
MPR-4-PT-CA-150bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 150 bar
MPR-4-PT-CA-200bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	FEP+ FKM	Same pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 200 bar
MPR-4IP-PG-50bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 50 bar
MPR-4IP-PG-100bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 100 bar
MPR-4IP-PG-150bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 150 bar
MPR-4IP-PG-200bar-250°C (Pressure Gauge)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Gauge	-100°C to +250°C	0 to 200 bar
MPR-4IP-PT-50bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 50 bar
MPR-4IP-PT-100bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 100 bar
MPR-4IP-PT-150bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 150 bar
MPR-4IP-PT-200bar-90°C (Pressure Transducter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	no	Transducter	-40°C to +90°C	0 to 200 bar
MPR-4IP-PT-CA-50bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 50 bar
MPR-4IP-PT-CA-100bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 100 bar
MPR-4IP-PT-CA-150bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 150 bar
MPR-4IP-PT-CA-200bar-250°C (Pressure Transducter + Colling Adapter)	AISI 316	PTFE	Different pressure in each cell	Same temperature in each cell	4	10	yes	Transducter	-100°C to +250°C	0 to 200 bar
Aluminium heating block	Al 6061	nc	nc	Same temperature in each cell	4	For cell 10 mL	nc	nc	-100°C to +250°C	nc

**Custom configurations available with Hastelloy C276*

***FEP compatible with high-pressure CO2 ; PTFE compatible with high-pressure CO2 and H2*

12.11.2026