

March 18th · 2020

Product Announcement-

MNR-800-HPC400

High pressure controller for hydraulic operation up to 400 Mpa (58,000psi)

1. What you will find in this product announcement:

Product summary, product positioning, pricing & ordering information, schedule reseller discount, service & support. See the [MNR-800-HPC400](#) product page for product documentation.



2. Product summary:

The MNR-800-HPC400 is a hydraulic pressure controller for pressure up to 400 MPa. It can be operated by a local user using its color, touch screen display or remotely under computer control in an automated calibration/test system. Interchangeable reference pressure modules allow HPC400 to cover various pressure ranges with precision of 0,008 % F.S. till 0,03 % F.S depending on range and budget.

3. Product positioning:

The MNR-800-HPC400 is an oil operated pressure controller that was developed to meet the requirements of a major high pressure transducer manufacturer. Multiple units have been in satisfactory operation with that customer for over six years.

Unique, patented pressure control technology was developed to make HPC400 the only commercially available hydraulic pressure controller up to 400 MPa. The maximum pressure from Fluke is 280 MPa (Ruska 7615) and from Wika/Mensor is 140 MPa (CPC8000-H).

Compared to other controllers, HPC400 sets pressures very quickly (typically <1 minute/increment) and is very reliable in continuous, intensive operation over extended time periods.

Typical areas of application include:

- Pressure sensor development, manufacturing & testing
- Oil & gas downhole sensor and tool calibration and validation
- Analog gauge calibration in a calibration lab or manufacturing environment
- Pressure control component in an automated piston gauge system

4. Pricing and ordering information:

Units can be ordered directly from Minerva. The sales team is ready to provide you a detailed quotation. Prices are EXWORKS Minerva Amersfoort, The Netherlands.

Item	Description	List Price
MNR-800-HPC400	Hydraulic high pressure controller	€ 47.500,00
MNR-800-HPM70P	70 MPa premium class Pressure module for MNR-800	€ 9.240,00
MNR-800-HPM140P	140 MPa premium class Pressure module for MNR-800	€ 9.240,00
MNR-800-HPM-200P	200 MPa premium class Pressure module for MNR-800	€ 9.240,00
MNR-800-HPM-280P	280 MPa premium class Pressure module for MNR-800	€ 16.500,00
MNR-800-HPM70S	70 MPa standard class Pressure module for MNR-800	€ 3.520,00
MNR-800-HPM140S	140 MPa standard class Pressure module for MNR-800	€ 3.520,00
MNR-800-HPM200S	200 MPa standard class Pressure module for MNR-800	€ 3.520,00
MNR-800-HPM280S	280 MPa standard class Pressure module for MNR-800	€ 3.520,00
MNR-800-HPM400S	400 MPa standard class Pressure module for MNR-800	€ 3.520,00
MNR-800-HPB	Barometer module	€ 2.750,00
MNR-800-HPP25-230-50	25 MPa power pack 230 V / 50Hz	€ 6.600,00
MNR-800-HPP25-110-60	25 MPa power pack 110 V / 60Hz	€ 6.600,00
MNR-800-HPP25-200-50	25 MPa power pack 200 V / 50Hz	€ 6.600,00
MNR-800-HPP25-200-60	25 MPa power pack 200 V / 60Hz	€ 6.600,00
MNR-800-HPP25-2	Power pack interconnection, 2 meter	€ 720,00
MNR-800-HPP25-4	Power pack interconnection, 4 meter	€ 770,00
MNR-800-HPP25-6	Power pack interconnection, 6 meter	€ 820,00

5. Discount:

As a Fluke reseller you will receive a 25% discount on list prices.



Ensuring carefree traceability

6. Demo's

Demo's for your prospects / customers can be scheduled at the Minerva location in Amersfoort. Contact the sales team.

If you prefer to buy a demo unit you will receive 10% additional discount for a demo unit purchased before 31-12-2020.

7. Service and support:

The MNR-800-HPC400 controller comes standard with a 1-year warranty on parts and labour. The MNR-800-HPM pressure modules can be recalibrated by Minerva.

Calibration prices can be quoted by the sales team.

8. Schedule:

- Public launch March 18th
- Launch event in Amersfoort The Netherlands on April 21st
- Standard lead time is 3 months

9. Sales and Marketing documents:

See the MNR-800-HPC product page <https://www.minerva-calibration.com/productpage/hydraulic-high-pressure-controller-mnr-800-hpc400/>