

Contrôle de compresseur centrifuge Série Xe

L'écran couleur haute résolution intuitive du contrôleur Série Xe facilite l'accès et la recherche d'informations importantes sur le compresseur. Ce contrôleur peut publier des informations sur les pages Web locales et même envoyer un e-mail de notification lorsqu'il détecte un problème. Les contrôleurs Série Xe sont dotés de temporisateurs et d'alertes indiquant le besoin de maintenance, pour optimiser l'entretien de votre investissement. Les contrôleurs Série Xe exploitent les algorithmes de contrôle plus récents et une logique intégrée pour limiter au maximum la consommation d'énergie dans chaque situation, tout en gérant précisément la pression de refoulement et en optimisant la plage d'accélération. ; Cliquez ici pour consulter une démonstration du contrôleur Xe-145F

Fonctionnalités

Achieving best-in-class efficiency is very important at Ingersoll Rand. Xe-145F Series controls utilise the latest control algorithms to provide the lowest energy consumption in every situation. Built-in control logic ensures system reliability by precisely managing discharge pressure, while maximising throttle range. The controller features useful timers, compressor information and alerts that indicate when maintenance is necessary to help optimise care of your investment.



Standard Control:

- **Constant pressure control** – Dynamically maintains precise discharge pressure throughout the full range of operating capacity (100% to 0%). Constant pressure control is used to minimise process pressure variations with rapid reaction to sudden demand variations.
- **Auto-dual control** – Uses inlet modulation to maintain constant system pressure over the compressor's full turndown range. When the load drops below the turndown range, the controller automatically transitions to load/unload mode. Programmable auto-dual control optimises operating efficiency when process demand varies widely over time.
- **Energy Smart Set Point™ (ESS)** – Adjusts a compressor's pressure set point internally to balance and share load between multiple compressors in the same system. ESS reduces the amount of bypassed air, which saves energy.

Optional Control:

- **Ambient Control software** – Maximises a compressor's operating throttle range, increasing usable turndown and substantially reducing or eliminating wasteful compressed air bypass in changing ambient conditions.
- **Integrated Multi-Machine Control (IMMC)** – Automatically sequences and assigns pressure schedules to multiple compressors to minimise the number of compressors operating at any given time and achieve optimum efficiency.

Pièces détachées et accessoires



MSG® Centac® Centrifugal Compressor Replacement



Lubrifiant de compresseur centrifuge Techtrol Gold



Système de commande MAESTRO Universal pour



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