

Turbokompressor-Steuerung der Xe-Serie

Die intuitive, hoch aufgelöste Farbanzeige der Steuerung der Xe-Serie macht wichtige Kompressorinformationen schnell und einfach auffindbar. Die Steuerung kann Informationen auf lokalen Webseiten posten und sogar eine E-Mail-Benachrichtigung schicken, wenn sie ein Problem feststellt. Steuerungen der Xe-Serie weisen nützliche Timer- und Warn-Funktionen auf. Dadurch wird angegeben, wann Instandhaltung notwendig ist, damit Ihre Investition optimal gepflegt werden kann. Steuerungen der Xe-Serie nutzen modernste Steueralgorithmen und eingebaute Logik, um den niedrigsten Energieverbrauch in jeder Situation zu gewährleisten und gleichzeitig den Förderdruck präzise zu regeln sowie den Drosselbereich zu maximieren. ; Klicken Sie hier, um sich eine Vorführung der Steuerung Xe-145F anzusehen

Eigenschaften

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.

Ersatzteile Und Zubehör



**Ersatzteile für Centac
Turbokompressoren**



**Techtrol Gold Schmiermittel
für Turbokompressoren**



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