series dpg-200

digital pressure gage
3-in-1: gage, transmitter and switch

the series dpg-200 digital pressure gage has a precise ±0.25% full-scale accuracy. the 4 digit digital display will reduce the potential for errors in readings by eliminating parallax error commonly produced with analog gages. the dpg-200 is packaged in a durable extruded aluminum case designed to meet nema 4x (ip66). the unit is powered by 12 to 24 vdc/vac and contains two alarm set points along with a 4 to 20 ma process output. a four-button keypad allows easy access to features. these features include backlight, peak and valley, and zero reset. the gage is enclosed in a durable fiberglass reinforced thermoplastic case that is designed to meet nema 4ip56 requirements. the gage features a menu-driven display for easy customization. user selectable features include backlight, peak and valley, auto zero and conversion of the specification conditions.

features/benefits
• high accuracy provides exceptional measurement minimizing costly out of specification conditions
• backlit 4-digit display provides clear parallax-free reading reducing potential for errors
• durable aluminum case to meet nema 4x (ip66) requirements supports use in harsh environments
• push-button zero reduce installation and service time

applications
• process control
• compressor control

model chart

<table>
<thead>
<tr>
<th>model</th>
<th>range (psig)</th>
<th>pressure ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>dpg-200</td>
<td>0 to 60</td>
<td>0 to 406.9</td>
</tr>
<tr>
<td>dpg-202</td>
<td>0 to 150</td>
<td>0 to 1034</td>
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<td>dpg-203</td>
<td>0 to 300</td>
<td>0 to 1034</td>
</tr>
<tr>
<td>dpg-204</td>
<td>0 to 500</td>
<td>0 to 1364</td>
</tr>
<tr>
<td>dpg-205</td>
<td>0 to 1000</td>
<td>0 to 2768</td>
</tr>
<tr>
<td>dpg-206</td>
<td>0 to 200</td>
<td>0 to 699.9</td>
</tr>
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<td>0 to 1364</td>
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<tr>
<td>dpg-208</td>
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</tr>
<tr>
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<td>0 to 2768</td>
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<tr>
<td>dpg-210</td>
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<td>0 to 2768</td>
</tr>
<tr>
<td>dpg-211</td>
<td>0 to 1000</td>
<td>0 to 2768</td>
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</table>

compound range available: dpg-220 range: 30" hg-0-15 psig.

series dsgt

digital indicating transmitter
±0.25% full-scale accuracy

the series dsgt digital indicating transmitter is a versatile multi-function process gage that features an excellent 0.25% full-scale accuracy. this all-in-one digital gage package is designed to reduce installation costs, instrument cost, and save space where an application requires a gage, transmitter, and switches. the series dsgt gage comes standard with a loop-powered 4 to 20 ma transmitter. the series dsgt gage is enclosed in a durable fiberglass reinforced thermoplastic case that is designed to meet nema 4 ip66 requirements. the gage features a menu-driven display for easy customization. user selectable features include 12 engineering units of measure, password protected calibration and disable functions, as well as an adjustable bar graph and updated/dampering rates.

features/benefits
• all-in-one digital gage package is designed to reduce installation costs, instrument cost, and save space where an application requires a gage, transmitter, and switches
• durable fiberglass reinforced thermoplastic case to meet nema 4 (ip66) requirements supports use in harsh environments
• password protected calibration and disable functions helps to insure no errors by untrained personnel

applications
• process
• compressor
• outdoor
• oem

model chart

<table>
<thead>
<tr>
<th>model</th>
<th>range (psig)</th>
<th>model</th>
<th>range (psig)</th>
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<th>range (psig)</th>
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</thead>
<tbody>
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<td>ds gt-102-c0s</td>
<td>0 to 300</td>
<td>ds gt-103-c0s</td>
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<td>ds gt-106-c0s</td>
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<td>ds gt-109-c0s</td>
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<tr>
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<td>ds gt-120-c0s</td>
<td>0 to 1000</td>
<td>ds gt-121-c0s</td>
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</tr>
</tbody>
</table>

specifications

digital gage specifications
service: liquids and non-combustible compatible gases.
wetted materials: type 316l ss.
enclosure: black polycarbonate front & back cover, anodized aluminum extruded enclosure with recessed grooves, polycarbonate overlay, buna-n o-rings, 316l ss sensor construction.
accuracy: 0.25% fs ± 1 least significant digit (includes linearity, hysteresis, repeatability).
pressure limit: 2x pressure range for models ≤ 1000 psi; 5000 psi for 3000 psi range; 7500 psi for 5000 psi range.
temperature limits: 32 to 158°f (0 to 70°c).
process connection: 1/4" male npt.
display: 4 digit (.425" h x 3.4" w digits).
size: 3.00" od x 1.90" deep (not including cables).
weight: 8.84 oz (275 g).

switch specifications
switch type: 2 spdt form c contacts.
electrical rating: 0.5 a @ 125 vac resistive, 1 a @ 24 vdc.
relay differential: 1 least significant digit.
electrical connections: 3 ft (.91 m) cable.
mounting orientation: mount in any position.
set point adjustment: via menu.

transmitter specifications
temperature limits: 0 to 158°f (0 to 70°c).
thermal effect: between 70 to 158°f = 0.016%/°f. between 0 to 70°f = 0.029%/°f.
power requirements: 12 to 24 vac ±20% 50 to 400 hz, 12 to 24 vdc ±20%.
output signal: 4 to 20 ma.
loop resistance: 600 Ω max.
power consumption: 0.8 m max.
electrical connections: 3 ft (.91 m) cable.
enclosure rating: designed to meet nema 4x (ip66).

options

use order code: description
- nist nist traceable calibration certificate

specifications

gage specifications
service: compatible, non-combustible liquids & gases.
wetted materials: 17 to 4 stainless steel sensor, 316 ss socket.
housing materials: fiberglass reinforced thermoplastic.
accuracy: 0.25% fs (includes linearity, hysteresis, repeatability).
pressure limit: 2 x fs range.
process connection: 1/2" male npt.
display: 5 digit (0.88" high).

transmitter specifications
power requirements: 12 to 36 vdc (loop powered).
memory back up supply: (2) c alkaline batteries, installed functional, user replaceable.
output signal: 4 to 20 ma.
response time: 100 ms.
temperature limits: 14 to 140°f (-10 to 60°c).
thermal effects: 0.04% fs/°f.
electrical connections: 3 ft flying leads.
loop resistance: dc: 0 to 1090 Ω max.
set point adjustments: adjustable through menu selections.
weight: 1.45 lb (.66 kg).