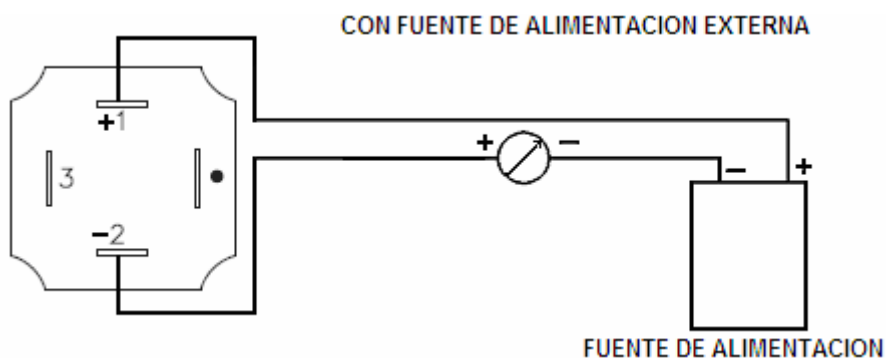
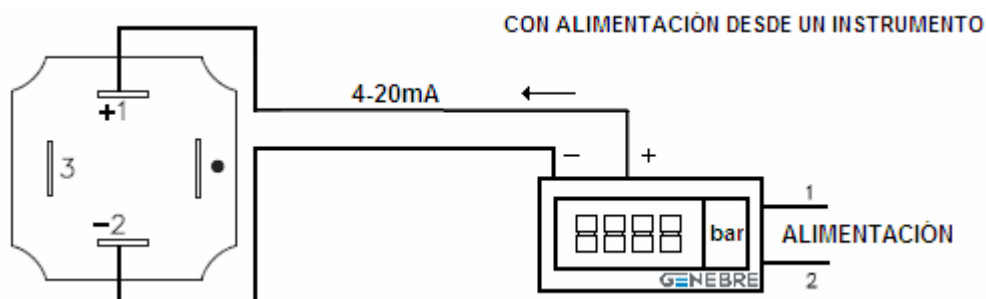
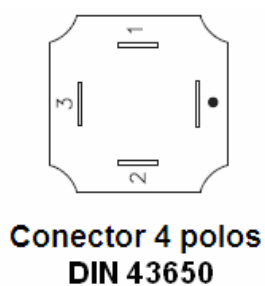
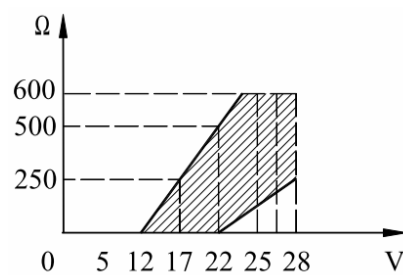


**ART: 8080**  
**TRANSMISOR DE PRESIÓN**  
**PRESSURE TRANSMITTER**



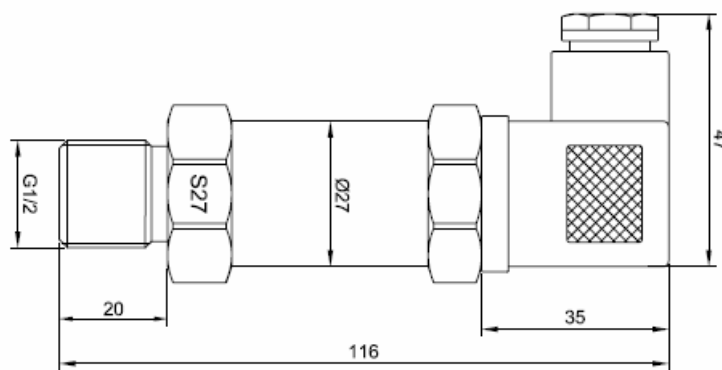
| Características                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Descripción:</b><br/>Los sensores de presión piezorresistivos se basan en que la presión que actúa sobre una membrana delgada provoca la aparición de tensiones mecánicas, que a su vez propician que haya un cambio en el valor de los piezorresistores implantados en la membrana.<br/>La señal de presión es analizada por la electrónica integrada y convertida en una señal eléctrica normalizada de (0-10V ó 4-20mA).<br/>Su diseño compacto y construcción robusta hacen que sea idóneo para todas las aplicaciones en construcción de maquinaria alimentaria o farmacéutica y en general en todos los controles de proceso.<br/>Todas las partes en contacto con el medio están construidas en acero inoxidable.</p> <p><b>Aplicaciones:</b><br/>Medición de presión de medios líquidos y gaseosos.<br/>Bombas<br/>Compresores</p> | <p><b>Description:</b><br/><i>Piezoresistive pressure sensors are based on the pressure acting on a thin membrane results in the appearance of mechanical stresses, which in turn provide that a change in the value of piezoresistors implanted in the membrane.</i><br/><i>The pressure signal is analyzed by the integrated electronics and converted into a standard electrical signal (0-10V or 4-20mA).</i><br/><i>Its compact design and rugged construction make it ideal for all applications in food and pharmaceutical machine building and in general all process controls.</i><br/><i>All parts in contact with the environment are built in stainless steel.</i></p> <p><b>Applications:</b><br/><i>Measurement of pressure liquids and gases.</i><br/><i>Pumps</i><br/><i>Compressors</i></p> |



**Load diagram**

| CARACTERÍSTICAS TÉCNICAS/ TECHNICAL FEATURES |                                   |
|----------------------------------------------|-----------------------------------|
| Rango de medida/ Measurement range           | -1 to 500 bar                     |
| Material/ Material                           | Acero inoxidable/ Stainless Steel |
| Temperatura de trabajo/ Working temperature  | -40 to +80°C                      |
| Precision/ Accuracy                          | 0,5% F.S.                         |
| Señal de salida/ Output                      | 4-20mA (2 hilos)/ (2 wire)        |
| Alimentación/ Power                          | 12....36 Vdc                      |
| Conexión a proceso/ Process connection       | 1/2"G                             |
| Sobrepresión/ Overpressure                   | 1,5 x F.S.                        |
| Clase de protección/ Protection class        | IP65                              |

## DIMENSIONES/DIMENSIONS



## CODIGO/CODE

| Código/ Code    | Rango de medida/ Measurement range (Bar) |
|-----------------|------------------------------------------|
| <b>8080 101</b> | -1 +1                                    |
| <b>8080 003</b> | 0 +3                                     |
| <b>8080 005</b> | 0 +5                                     |
| <b>8080 010</b> | 0 +10                                    |
| <b>8080 016</b> | 0 +16                                    |
| <b>8080 025</b> | 0 +25                                    |
| <b>8080 050</b> | 0 +50                                    |
| <b>8080 100</b> | 0 +100                                   |
| <b>8080 250</b> | 0 +250                                   |
| <b>8080 500</b> | 0 +500                                   |

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