

Description

Features

- ◆ All sturdy stainless steel structure
- ◆ Small and compact size
- ◆ Complete surge voltage protection function
- ◆ Affordable price & economical solutions
- ◆ Flexible OEM customization service

- ◆ Intelligent IoT constant pressure water supply
- ◆ Energy and water treatment systems
- ◆ Medical, agricultural machinery and testing equipment
- ◆ Hydraulic and pneumatic control systems
- ◆ Air-conditioning unit and refrigeration equipment
- ◆ Water pump and air compressor pressure monitoring

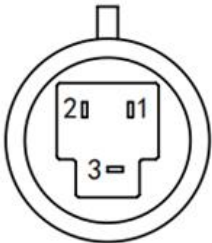
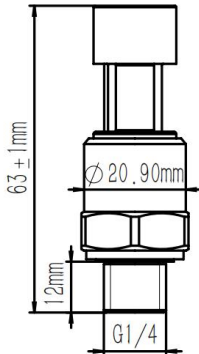



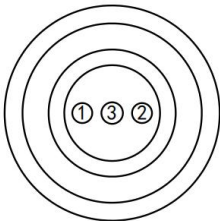
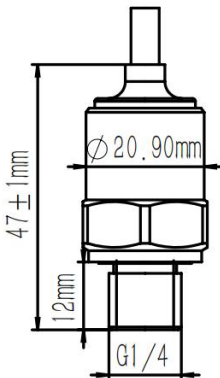



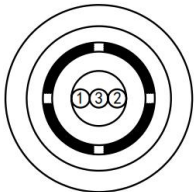
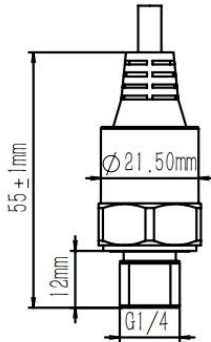
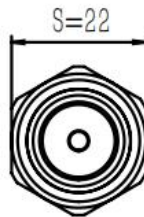
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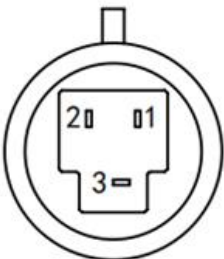
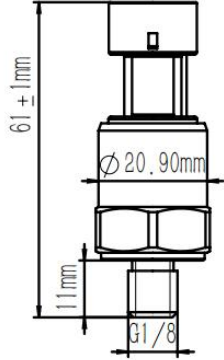

Measuring range	-14.5-30psi / 5-300psi	Long-term stability	$\leq \pm 0.2\%$ FS/year
Accuracy	$\pm 1\%$ FS, Others on request	Response time	$\leq 4\text{ms}$
Input voltage	DC 5V, 12V, 3.3V	Overload pressure	150% FS
Output signal	0.5~4.5V (others)	Burst pressure	300% FS
Thread	NPT1/8, NPT1/4, Others on request	Cycle life	500,000 times
Electrical connector	Packard / Direct plastic cable	Housing material	304 stainless steel
Operating temperature	-40 ~ 105 °C	Sensor material	96% Al ₂ O ₃
Compensation temperature	-20 ~ 80 °C	Protection class	IP65
Operating current	$\leq 3\text{mA}$	Explosion-proof Class	Exia II CT6
Temperature drift (zero&sensitivity)	$\leq \pm 0.03\%$ FS/ °C	Weight	$\approx 0.08\text{ kg}$
Insulation resistance	> 100 MΩ at 500V		

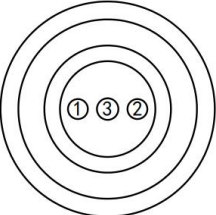
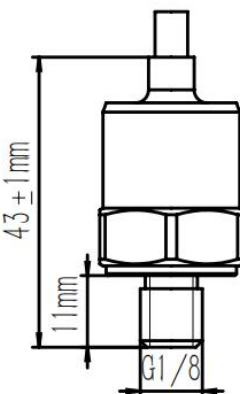
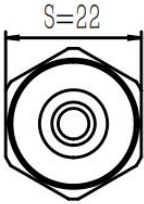
Dimensions(mm) & electrical connection

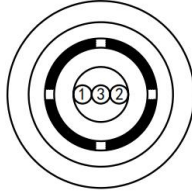
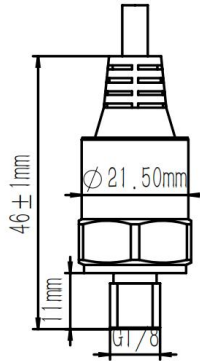
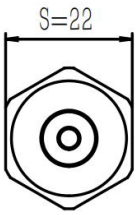
Packard		XDB401-G1-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

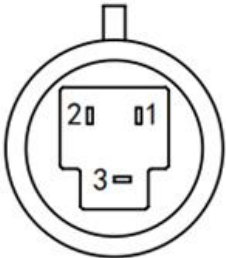
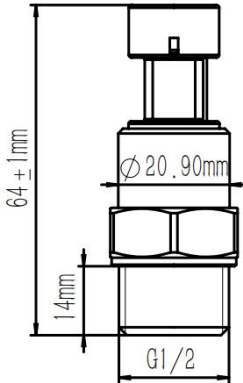
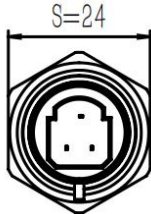
Direct plastic cable		XDB401-G1-W7	
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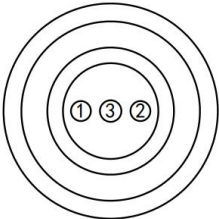
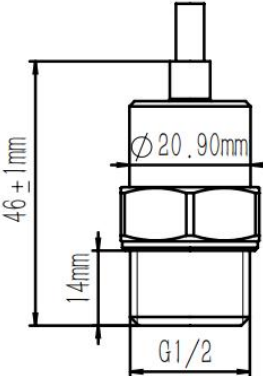

Direct plastic cable		XDB401-G1-W7(NEW)	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

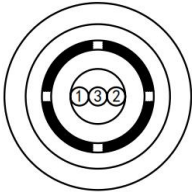
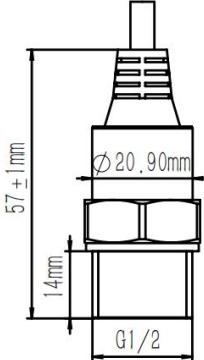
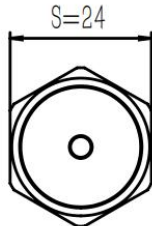
Packard		XDB401-G2-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

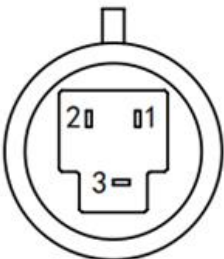
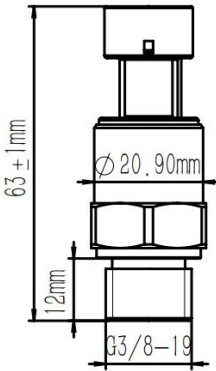

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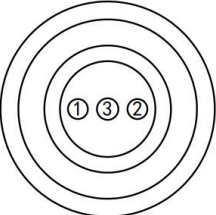
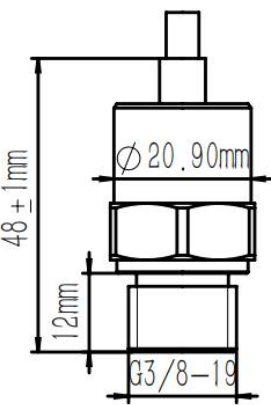

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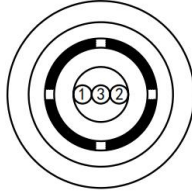
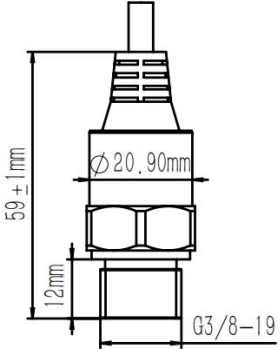
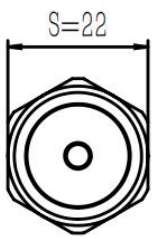
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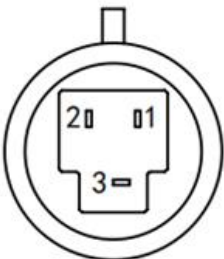
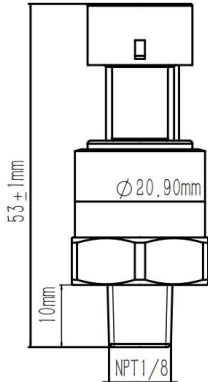
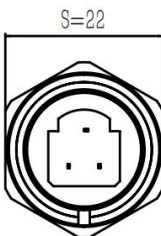
Direct plastic cable		XDB401-G3-W7	
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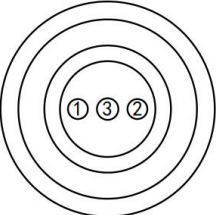
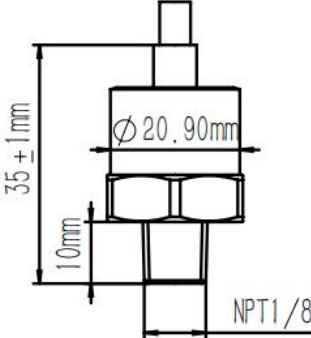

Direct plastic cable		XDB401-G3-W7(NEW)	
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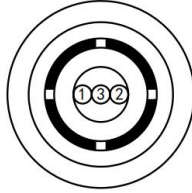
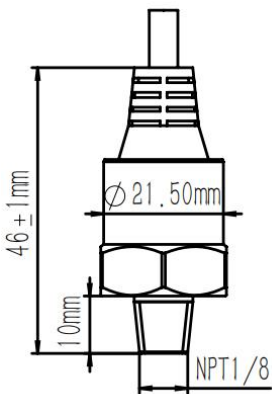

Packard		XDB401-G5-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

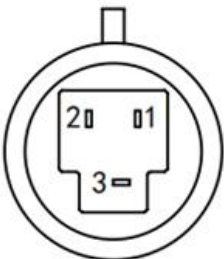
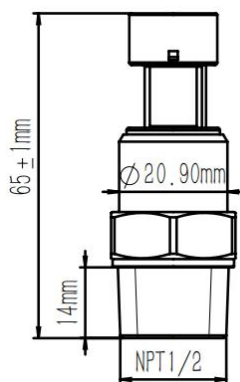

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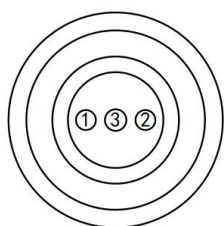
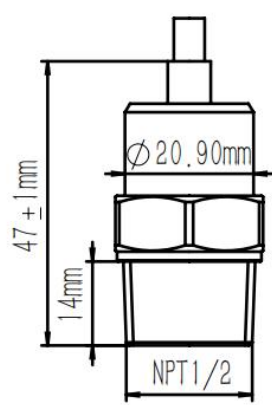
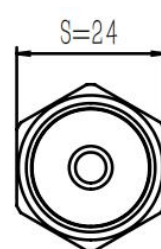
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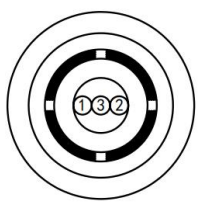
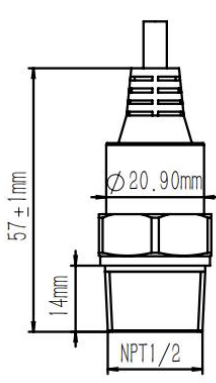
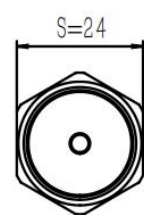
Packard		XDB401-N1-W2	
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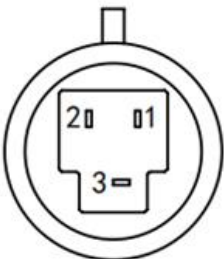
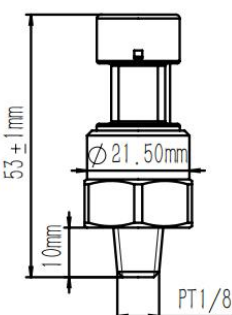

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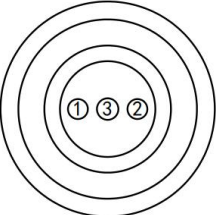
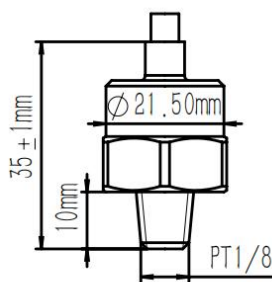
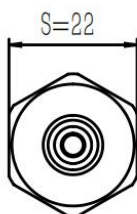
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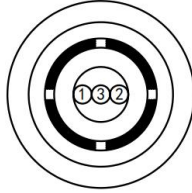
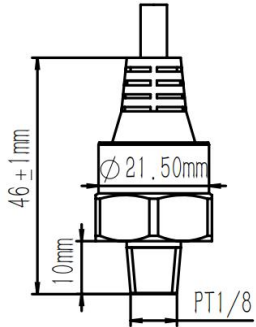
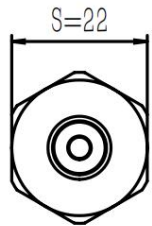
Packard		XDB401-N3-W2	
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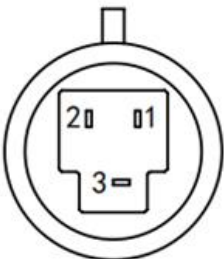
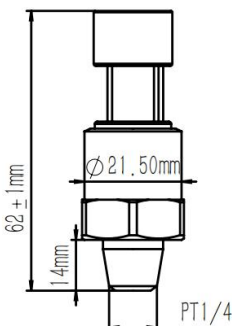

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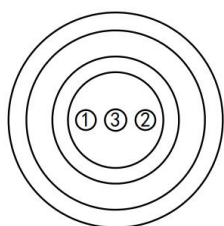
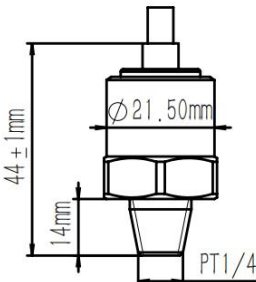
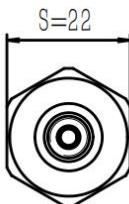
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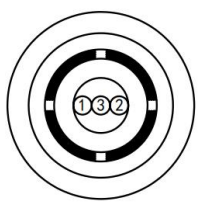
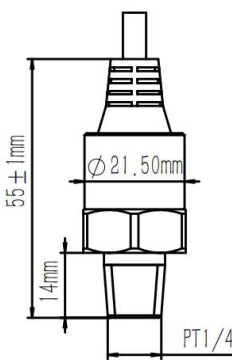
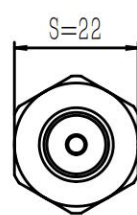
Packard		XDB401-P1-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

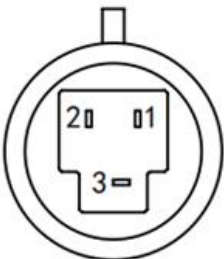
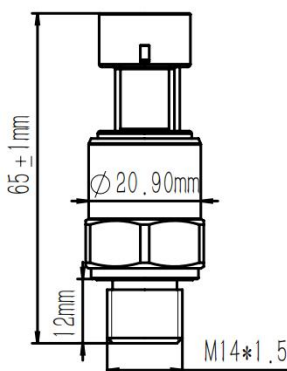

Direct plastic cable		XDB401-P1-W7	
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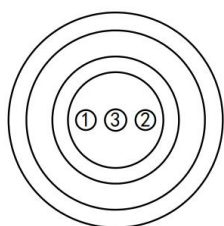
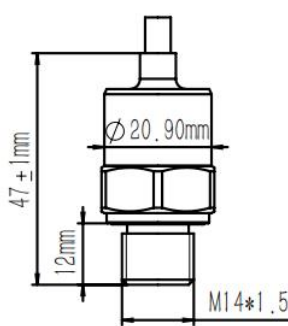

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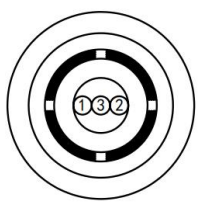
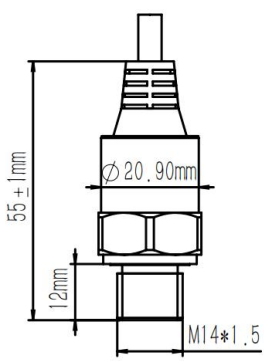
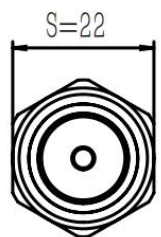
Packard		XDB401-P2-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

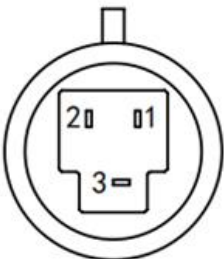
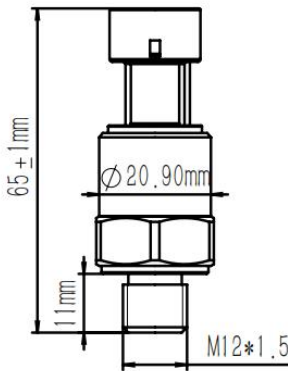

Direct plastic cable		XDB401-P2-W7	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

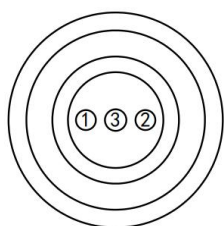
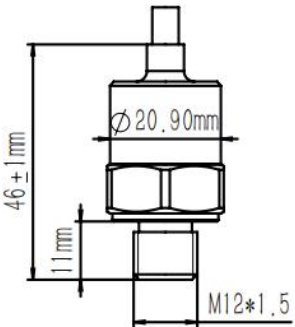

Direct plastic cable		XDB401-P2-W7(NEW)	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

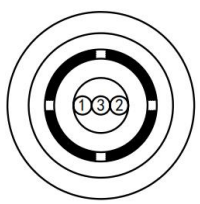
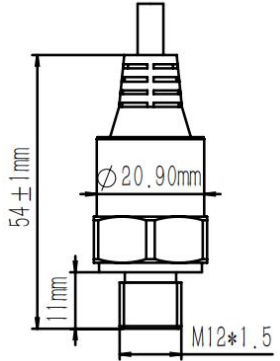

Packard		XDB401-M2-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

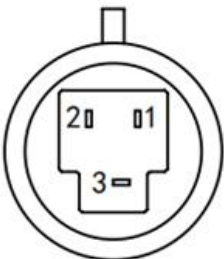
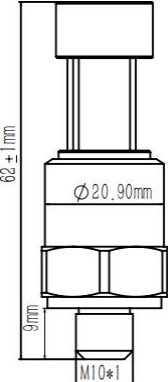

Direct plastic cable		XDB401-M2-W7	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

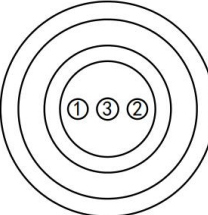
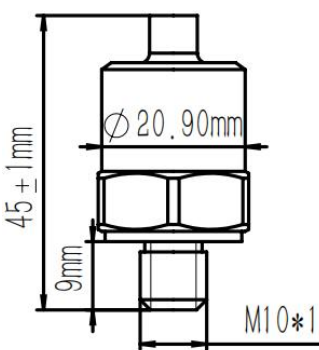
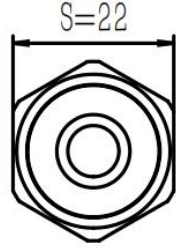
Direct plastic cable		XDB401-M2-W7(NEW)	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

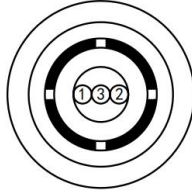
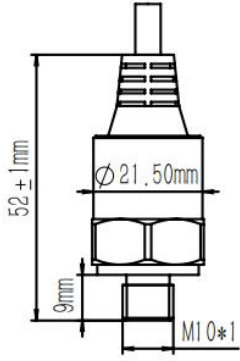

Packard		XDB401-M3-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

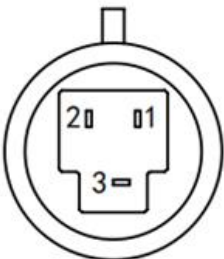
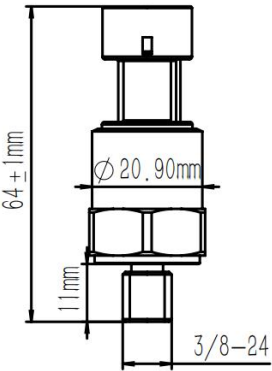

Direct plastic cable		XDB401-M3-W7	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

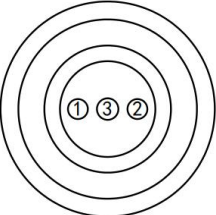
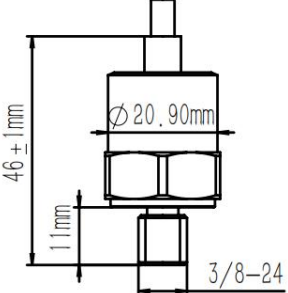
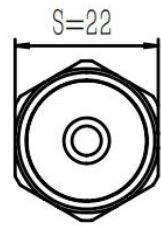
Direct plastic cable		XDB401-M3-W7(NEW)	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

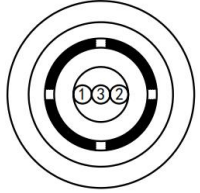
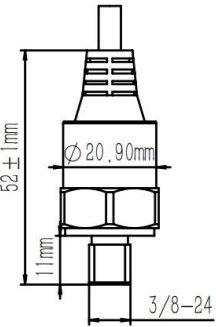
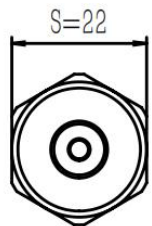
Packard		XDB401-M4-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

Direct plastic cable		XDB401-M4-W7	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

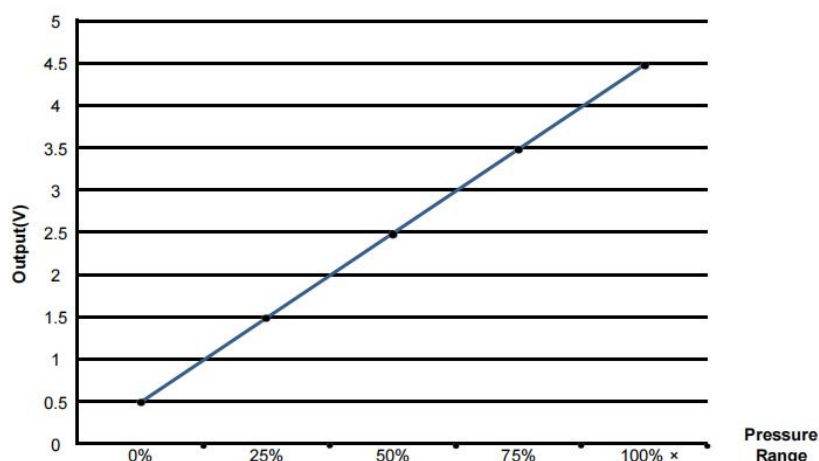
Direct plastic cable		XDB401-M4-W7(NEW)	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

Packard		XDB401-X1-W2	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

Direct plastic cable		XDB401-X1-W7	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

Direct plastic cable		XDB401-X1-W7(NEW)	
	<p>0.5-4.5V:</p> <p>Red: Supply+①</p> <p>Black: GND②</p> <p>Yellow: Output+③</p>		

Output Curve



How to order

E.g. **XDB401- 150P - 01 - 0 - C - N1-W2 - c - 01 - Oil**




1	Pressure range	150P
	M(Mpa) B(Bar) P(Psi) X(Others on request)	
2	Pressure type	01
	01(Gauge) 02(Absolute)	
3	Supply voltage	0
	0(5VDC) 1(12VDC) 2(9~36(24)VDC) 3(3.3VDC) X(Others on request)	
4	Output signal	C
	B(0-5V) C(0.5-4.5V) E(0.4-2.4V) F(1-5V) X(Others on request)	
5	Pressure connection	N1
	N1(NPT1/8) X(Others on request)	
6	Electrical connection	W2
	W2(Packard) W7(Direct plastic cable) X(Others on request)	
7	Accuracy	c
	c(1.0% FS) d(1.5% FS) X(Others on request)	
8	Paired cable	01
	01(0.3m) 02(0.5m) 03(1m) X(Others on request)	
9	Pressure medium	Oil
	X(Please note)	




Notes:

1) Please connect the pressure transducers to the opposite connection for different electric connector.

If the pressure transducers come with cable, please refer to the right color.

2) If you have other requirements, please contact us and make notes in the order.

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