

Industrial Machines

Pressure Transmitter

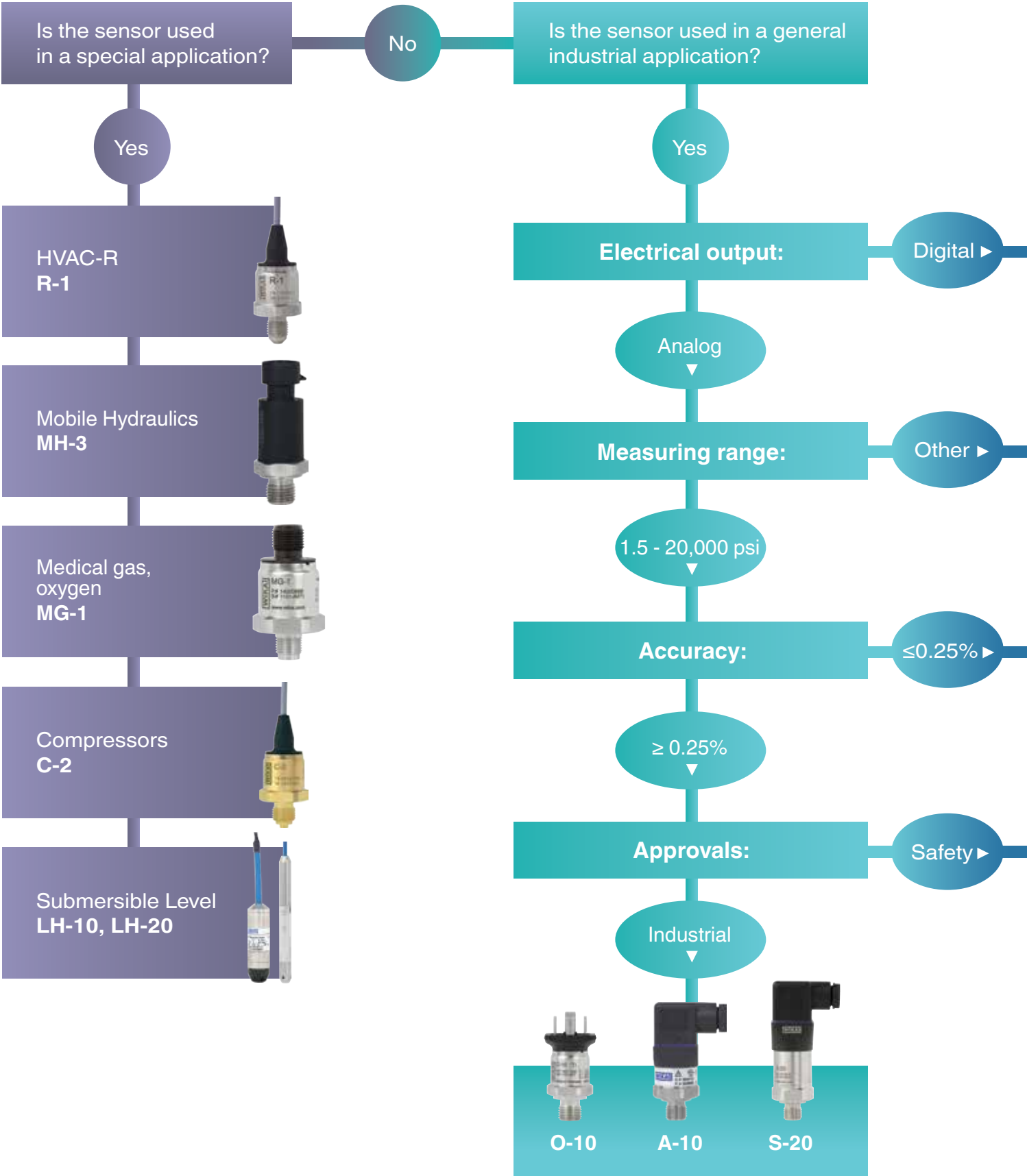


Industrial Sensor Technical Data



	O-10	A-10	S-20
Feature	OEM demands	common demands	superior demands
Measuring type	gauge, vacuum	gauge, vacuum, absolute	gauge, vacuum, absolute
Maximum range	8,000 psi	14,500 psi	20,000 psi
Accuracy	0.50%	0.25%	0.125%
Long term drift	0.3% span/yr	0.1% span/yr	0.1% span/yr
Temperature error	1.5%	1%	0.5%
Service life (cycles)	10M	10M	10M
Process connections	15	21	23
Electrical connections	6	9	12
Output signal (2 wire, mA)	4-20mA	4-20mA	4-20mA, 20-4mA
Output signal (3 wire, VDC)	0-10, 0-5, 1-5, 0.5-4.5	0-10, 0-5, 1-5, 0.5-4.5	0-10, 0-5, 1-5, 0.5-4.5, 1-6, 10-0

Industrial Sensor Selection Guide



RS 232
D-10



Profibus DP
D-10-7



CANopen
D-20-9



USB interface
P-30



Switch
output
PSD-30



> 14,500 psi
High pressure
HP-2



< 1.5 psi
Low pressure
S-10



≤ -30 inHg
Low pressure
A-10 mbar



< 0.125%
S-20



$\leq 0.1\%$
P-30



Intrinsically
safe
IS-20, IS-3



Explosion /
flame proof
E-10



Hazardous
Non-incendive
N-10



Industrial Sensor Overview

O-10 OEM Modular Design

Applications

- Hydraulics and pneumatics
- Pumps and compressors
- Machine controls
- Building services

The O-10 is available in a large number of configurations to meet many application requirements. Options include many available process and electrical connections as well as all industry standard pressure ranges and output signals.

The O-10 pressure transmitter is ideally suited to OEM applications, with an annual quantity requirement of more than 1,000 units of each part number.

A-10 General Requirements

Applications

- Mechanical engineering
- Machine tools
- Process control and automation
- Hydraulics and pneumatics
- Pumps and compressors

The A-10 is designed to fit many industrial and OEM pressure measurement applications. The rugged design provides resistance to vibration, shock, wide temperature variations, RFI and other extreme environmental conditions.

S-20 Full-Featured

Applications

- Critical industrial applications
- Demanding applications in research and development
- Harsh environments
- High accuracy

The S-20 is designed for general industrial applications and is the ideal solution for customers with demanding measuring requirements. It features very good accuracy, a robust design and an exceptional number of variants for use in the widest range of applications.



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