UARA.2501

On/Off sensor
Sensor can operate at 9 - 32 Volt , 10 mA-3A, -30°C ...+ 150°C has MI8x1,5 teeth connection, and 2 pin output ports

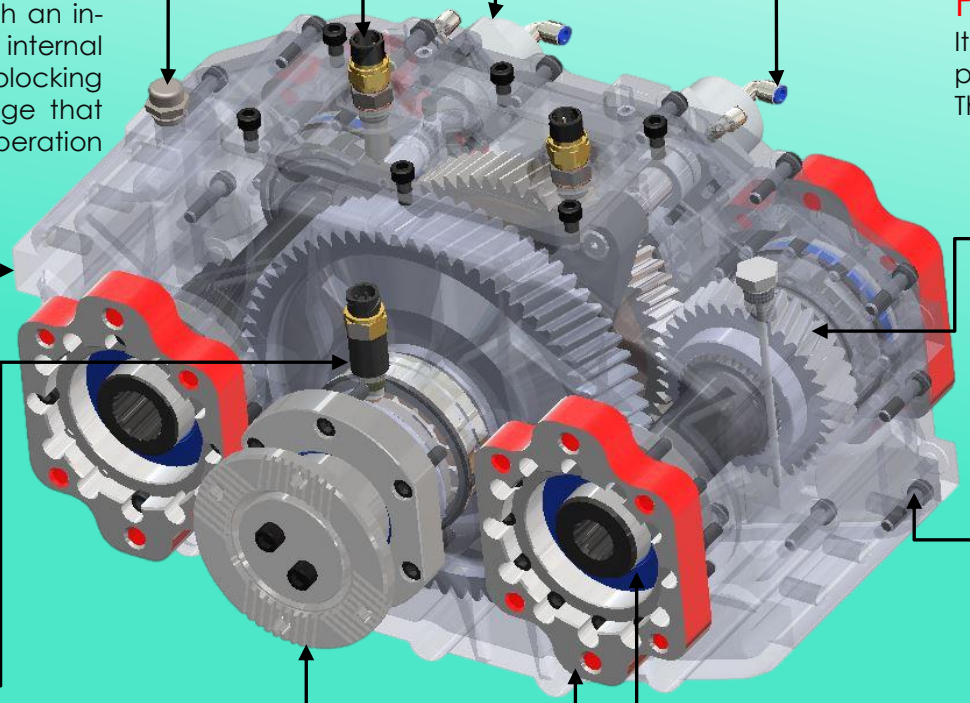
Air Plug
This is an aluminum air plug calibrated at +0,5 Bar with an in-built valve. It opens from time to time and lets the internal pressure accumulate due to fluid turbulence. Besides blocking foreign matter penetration, it also prevents oil leakage that may happen during transportation. It has an operation temperature of -20/+120°C.

Body Material / GJS-400-15 / DIN EN 1563
GJS-400-15 spheroidal cast iron widely used in the automotive industry. It has a specific weight of 7,15 gr/cm^3 , and fusion temperature interval of 1200-1250 °C. It has advanced corrosion , high wear and fatigue resistance. The basic advantages of this alloy include durability, high strength, good vibration damping and leak-proof properties.

RPM Counter
Sensor can operate at 6 -15 Volt, Max. 16 mA, -30°C ...+ 145°C, and has MI8x1,5 teeth connection, and 4 pin output ports

Main Drive Output / ISO 7646 / 7647 / 8667
Universal connection with equipments.

Hydraulic Pump Outputs / SAE J744 / ISO 4 holes
Universal connection with pumps.



Air Tube Components / DIN AlMg1Si0.8CuMn
It is a shapable corrosion-resistant, high-strength material.
The aloy can go through heat treatment.
It has high corrosion resistance.

Pneumatic Fittings
It can be engaged/disengaged by 6-8 bar pneumatic pressure. The pressure must be continuous for both conditions. The air must go through drier-conditioner system.

Gear & Shaft Components/ DIN-1.7131
The steel is soft in its core tough, hard, and wear-resistant on the surface, and elastic on the impact points. It is also good for cementation and nitration heat treatment. The gears on UARA.2501 have 58-61 HRC surface hardness, and hardness depth of 1-1,2 mm

Connection Components / DIN 912
It has min. 8.8 quality level and strength of min 800Nm/mm^2

Sealing Components / ISO 6194
These are elastomeric sealing components. They are chosen double-lip type (oil/dust). They can stand -40/+140°C operating conditions according to the climate and temperature. They offer good resistance to climate conditions, aging ozone and oxygen thanks to high chemical stability.