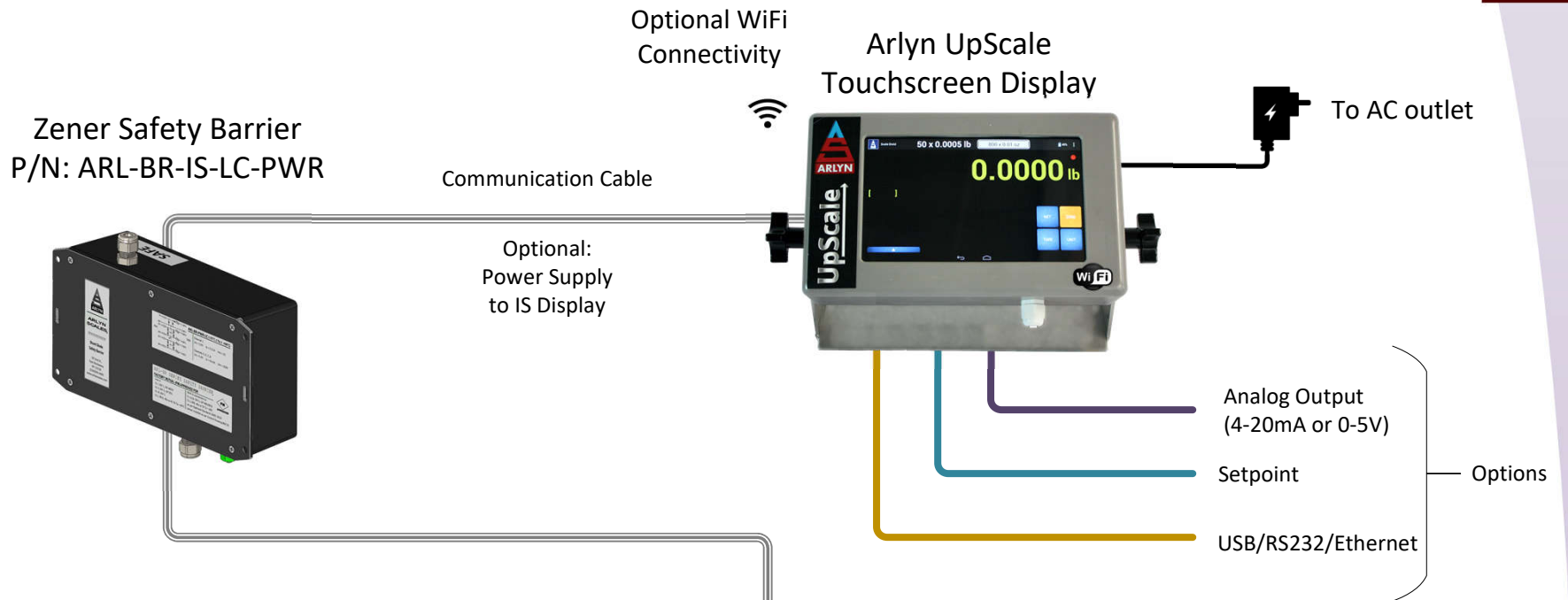


# MKE-5-IS SCALE SYSTEM SCHEMATIC – CONFIGURATION #3.2

Explosion Proof Scale with Intrinsically Safe (IS) Display Indicator connected to a full featured Safe Area Arlyn UpScale Touchscreen Display



## SAFE AREA

## HAZARDOUS AREA

\*Included Battery Operated Configuration (using Rechargeable AA NiMH Batteries)



Intrinsically Safe Display Indicator  
P/N: MKE-5-IS

Intrinsically Safe Platform  
(Regular Strain Gage or Ultra Precision SAW)



**Summary**  
Intrinsically Safe Scale in Hazardous area communicating weight data to a full featured Safe Area UpScale Touchscreen Display with options. Available AC Power connection to IS Scale if desired.

**NOTES:**

- 1) Safe Area MKE-5 Digital Display and Arlyn UpScale Touchscreen Indicators are SAFE area components only.
- 2) Optional power supply can be routed from the Safe Area Arlyn UpScale to the IS MKE-5-IS Display through Safety Barrier.
- 3) Intrinsically Safe Zener Safety Barrier must be installed according to Installation and Wiring Diagrams.
- 4) Batteries must be recharged in the SAFE Area. The Intrinsically Safe MKE-5-IS Display Indicator does not recharge batteries.
- 5) The MKE-5-IS Display Indicator can only work with one power source at a time. Use the provided rocker switch on the display to switch between power sources.